Checked by Chief Entered in HID File Abrorust Letnur Local tending Pinned Disapproval Lecter Card Indexed COMPLETION DATA: Location Inspected Date Well Completed Bond released OW.... TA.... State or Fee Land GW.... OS.... PA.... LOGS FILED Driller's Log Electric Logs (Co.) BHC Sorie OR Lat. Ex L. ... Jonic CBLog..... CCLog..... Others....

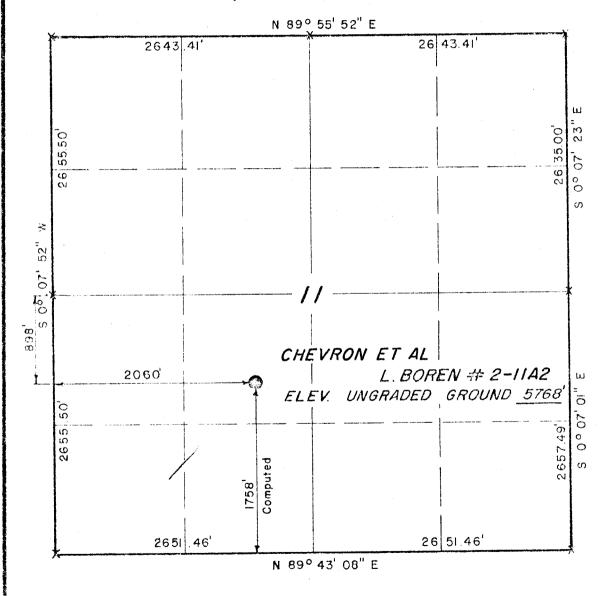
SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL & GAS

						-
5.	Lease	Designation	and	Serial	No.	

APPLICATION	FOR PERMIT TO	O DRILL, DEI	PEN, OR PLUG BACK	6. If Indian, Allottee or Tribe Name
a. Type of Work	.L [X]	DEEPEN [PLUG BACK [7. Unit Agreement Name
b. Type of Well Oil X Ga Well W	as Other		Single Multiple Zone Zone	8. Farm or Lease Name
. Name of Operator	en — Other			L. Boren
Chevron Oil	Company - Wester	n Division		9. Well No.
. Address of Operator		1 1 000	01	2-11A2 10. Field and Pool, or Wildcat
P. O. Box 59		olorado 802		Bluebell-Wasatch
At surface	FSL & 2060 FWL	<i>M</i> .	tate requirements.	11. Sec., T., R., M., or Blk. and Survey or Area
At proposed prod, zone 4. Distance in miles and	direction from nearest tow	n or post office*		S 11, T1S, R2W, USB&1 12. County or Parrish 13. State
				Duchesne Utah
15. Distance from propos location to nearest	ed*	1		of acres assigned his well
property or lease line (Also to nearest drlg. 18. Distance from propos	line, if any) 1/36 ed location*	1	640 ac. spacing 9. Proposed depth 20. Rota	640 ac. spacing
to nearest well, drilling or applied for, on this	lease, ft. ± 3250)	14,600'	Rotary
21. Elevations (Show whe	ther DF, RT, GR, etc.)			22. Approx. date work will start*
				12-15-73
23.	:	PROPOSED CASING	AND CEMENTING PROGRAM	
Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"*	9-5/8"	36#		Cmt to surface
8-3/4"	7"	26#		600 sx To top of liner
Wasatch Form	ation. he two wells lo	cated in this	s same section will be be paid on the basis	produced from the same
each well.				
Attached: W	lell Plat		Copies	to: 3 State
	rilling Program			2 USGS
(Chevron Class A-	1 BOP Require	ements	1 Partners
IN ABOVE SPACE DES ductive zone. If proposa preventer program, if any	is to drill or deepen direc	RAM: If proposal is tionally, give pertinen	to deepen or plug back, give data on pr t data on subsurface locations and meas	1 JHD 1 ALF resent productive zone and proposed new pr sured and true vertical depths. Give blowd
24.	0 1		V. G. BAKER	
Signed W.O	Baker		Administrative Assistan	Date 11-16-73
(This space for Feder	al or State office use) 0/3 30211		Approval Date	
Approved byConditions of approva	l, if any:	Title	ons On Reverse Side	Date
		*\$~~ !nc+	One On Powers Side of Miles	Marie Carlos Car
		see instructi	uns Un Reverse Side	from from the first the

T1S, R2W, U.S.B.&M.



X = Section Corners Located

PROJECT

CHEVRON OIL COMPANY

Well location, CHEVRON L.
BOREN # 2, located as shown in the NE 1/4 SW 1/4 Section II, T1S, R2W, U.S.B.&M.
Duchesne County, Utah.

NOTE:

Elev Ref. Pt. 175' Northeast = 5771 87'
" " 225' " = 5775 52'
" " " 250' Southeast = 5756.96'
" " " 300' " = 5756:69'



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PRIPARED KNOWN ENER IN ME ON JUDIES OF ACTUAL SURVEYS MADE HY ME ON JUDIES MY SUPERVISION AND THAT THE SAME ARE TRUE AND FORMECT TO THESE OF MY KNOWLEDGE AND RELIEF

REGISTERED LAND SURVEYOR REGISTRATION Nº 2454

Cheyron Oil

UINTAH ENGINEERING & LAND SURVEYING
PO.BOX Q - HO EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE				 DATE
36466	" =	1000	1	AUGUST 21, 1973
PARTY				 REFERENCES
	8R	BB	JL	
WEATHE	R			 FILE



Denver, Colorado November 16, 1973

DRILLING PROGRAM
BOREN #2-11A2
BLUEBELL FIELD
DUCHESNE COUNTY, UTAH

MR. R. L. SCOTT:

The following is the drilling program for Boren #2-11A2, Duchesne County, Utah:

- 1. Drill 12-1/4" hole to 2500'±. If hole circulates around conductor, ream 12-1/4" hole to 17-1/2" and run 13-3/8" casing to 300'±. Run 9-5/8" OD, 36#, K-55 casing to TD and cement to surface with 50/50 Pozmix containing 2% Gel and 2% CaCl tailed in with 200 sacks Type G cement containing 3% CaCl.
 - a. Casing to be fitted with guide shoe, float collar and \pm 6 centralizers.
 - b. After i 6 hours WOC, cut off casing and install 10" Series 900 Bradenhead.
 - c. Install 10" Series 900 BOPE per Chevron's specifications for Class "A-1" BOP hookup, including Swaco adjustable choke, degasser, PVT & flow sensor equipment. Install all downstream piping, separator and tank.
 - d. Test BOPE, kelly, kelly cock, kelly hose, standpipe and all valves to 3000 psi with clear water. Test casing to 1500 psi with water before drilling out.
- 2. Drill 8-3/4" hole below surface casing to depth of 11,500'± using a drilling mud as outlined below.
 - a. One-man mud logging unit is required from 6000' to 9000' and two-man from 9000' to TD.
 - b. Conduct electrical surveys in accordance with geological program.
- 3. Run 7" OD, 26#, S-95 intermediate casing to TD. Cement with 50/50 Pozmix containing 2% Gel, 10% salt and fluid loss control and turbulent inducer additives tailed in with 200 sacks Type G cement containing 18% salt and retarder.

- a. Casing to be equipped with washdown-whirler differential fillup shoe and differential fillup collar. Install centralizers and baskets as warranted throughout cement column.
- b. Displace cement in turbulent flow while reciprocating pipe until plug is bumped. All fluid behind casing to be treated with Hydrazine.
- c. Drop slips immediately, cut off casing and install Series 1500 dual tubing head.
- d. Install Series 1500 BOPE per Chevron's specifications for Class "A-1" BOP hookup.
- e. Test BOPE, kelly and kelly cock to 5000 psi with clear water. Test casing to 5000 psi with water before drilling out. Test kelly hose, standpipe and all standpipe valves to 3000 psi.
- f. Drill 5-10 feet below the shoe of the 7" OD casing, and pressure test to the equivalent of the hydrostatic head exerted by a column of 15.5 ppg mud. Squeeze with cement if the cement job or formation will not withstand this pressure.
- 4. Drill 6-1/8" hole below intermediate casing to estimated total depth of 14,600' using a drilling mud as outlined below.
 - a. 3 DST's are anticipated.
 - b. Two-man logging unit is required from 7" casing depth to TD.
- 5. Maintain drilling fluids as follows:

	Depth	Type	Weight	<u>Viscosity</u>	Water Loss
1)	$0 - \pm 7,000$	Native-Water-Gel	To suit	Contractor and hole	stability
2) ±	$7,000 - \pm 9,000$	Gel-Water	8.6 - 9.	0# 30-40 sec.	As required
3) ±	9,000 - ± 11,500'	Gel-Chem	9.0 - 12.	0# 40-45 sec⋅	for hole
4) ±	11,500 - \pm TD	Gel-Chem	12.0 - 16.	0# 45-55 sec.	stability

- 1) Drill Duchesne and Uinta Formations with water. If necessary to clean hole, use gel to build viscosity.
- 2) Use Gel-Water to drill top Green River Formation. Maintain low weight. Maintain good flow properties and hydraulics to reduce hole enlargement. Control solids with desander. Have degasser installed and operating.

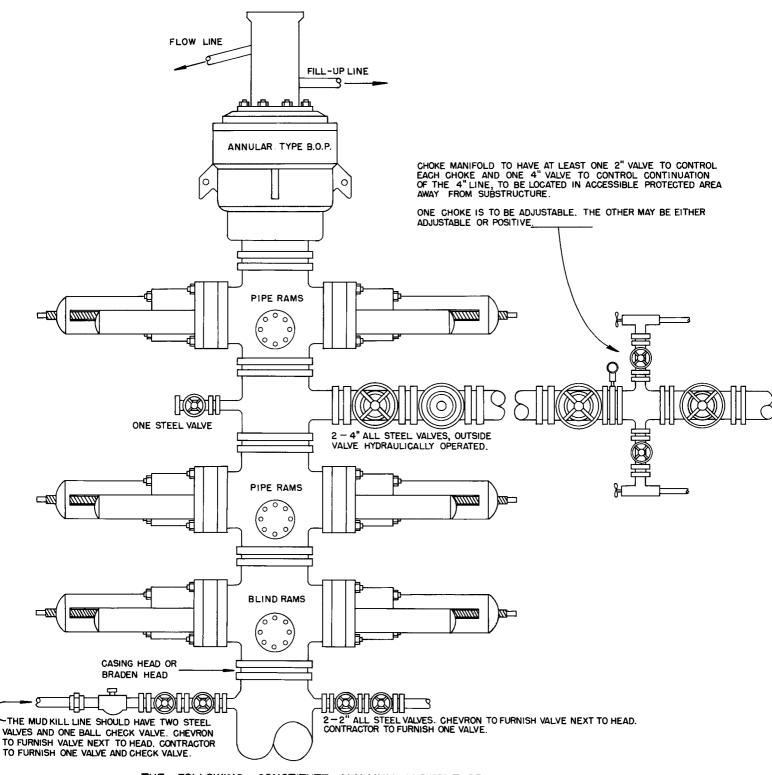
- 3) Unless hole conditions warrant otherwise, mud-up operations will commence at ± 9,000'. Convert system to Gel-Chem.

 Maintain weight with ± 500 psi hydrostatic over-balance.

 Continue to maintain good flow properties and hydraulics to reduce hole enlargement. Control solids with desander. If loss circulation should develop, carry LCM (5:1 sawdust and fiber) as needed. Take precautions on trips to prevent formation breakdown. If loss circulation becomes severe, use temperature log to define and consider use of coarse walnut hulls and Mica or squeezes.
- 4) Continue to maintain weight with ± 500 psi hydrostatic over-balance over anticipated formation pressure. Maintain good flow properties. Control any gas cut mud with degasser and low gel strengths. Maintain accurate checks of pit volumes and return mud weights during all operations. Keep hole full on trips.
- 6. Sampling, logging, testing, coring, etc., to be in general conformance with Geologic Program.
- 7. If productive, run and cement 5", 18#, S-95 FJ liner from TD to 11,300'.
 - a. Liner to be equipped according to instructions to be issued later.
- 8. Completion to be based on hole evaluation.

J. W. GREER

JWG:gl



CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS THE FOLLOWING

- CONDITIONS MAY BE MET BY ANY COMBINATION OF HYDRAULICALLY OPERATED B.O.P.'s WHICH GIVE THE FOLLOWING COMBINATION
 (1) BLIND RAMS ON BOTTOM. (3) CHOKE OUTLET AT LEAST FOUR INCHES DIAMETER. (5) ANNULAR B.O. (5) ANNULAR B.O.P. ON TOP. (2) PIPE RAMS ABOVE THE BLIND RAMS (4) PIPE RAMS ABOVE CHOKE OUTLET.

- ALL CONNECTIONS TO BE FLANGED, STUDDED, OR CLAMPED.

 ALL CONNECTIONS TO BE FLANGED, STUDDED, OR CLAMPED.

 ALL CONNECTIONS FROM OPERATING MANIFOLDS TO PREVENTERS TO BE ALL STEEL HOSE OR TUBE A MINIMUM OF ONE INCH IN DIAMETER.

 ACCUMULATOR TO PROVIDE CLOSING PRESSURE AT LEAST 15% IN EXCESS OF THAT REQUIRED, WITH SUFFICIENT VOLUME TO OPERATE B.O.P.'S.

 MANUAL CONTROLS TO BE INSTALLED BEFORE DRILLING CEMENT PLUG.

- MANDAL COUNTROLS TO BE INSTALLED BEFORE DRILLING CEMENT PLUG.

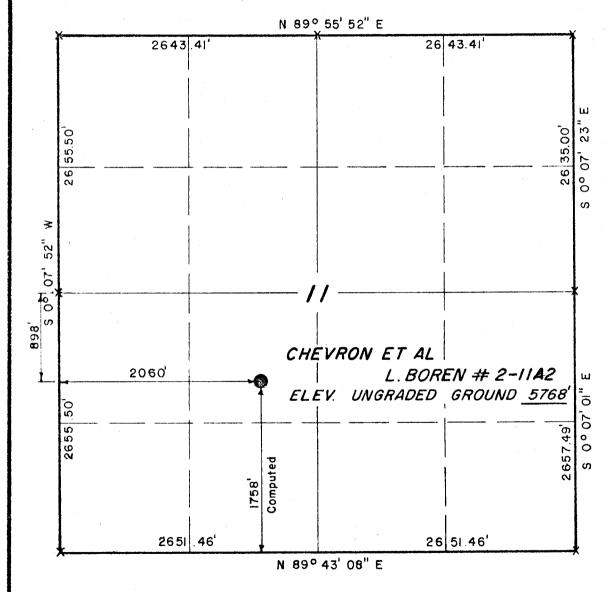
 KELLY COCK TO BE INSTALLED ON KELLY.

 FULL OPENING INSIDE BLOWOUT PREVENTER AND A FLOAT VALVE TO BE AVAILABLE ON RIG FLOOR.

 DUAL OPERATING CONTROLS, ONE LOCATED BY DRILLERS POSITION AND THE OTHER LOCATED A SAFE DISTANCE FROM THE RIG FLOOR.

 A REGULATING VALVE FOR THE ANNULAR B.O.P. IS REQUIRED.

TIS, RZW, U.S.B.&M.



X = Section Corners Locafed

PROJECT

CHEVRON OIL COMPANY

Well location, CHEVRON L.
BOREN # 2, located as shown in the NE 1/4 SW 1/4 Section II, TIS, R2W, U.S.B.&M.
Duchesne County, Utah.

NOTE

Elev. Ref. Pt. 175' Northeast = 5771.87'
" " " 225' " = 5775.52'
" " " 250' Southeast = 5756.96'
" " " 300' " = 5756.69'



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

REGISTERED LAND SURVEYOR REGISTRATION Nº 2454

UINTAH ENGINEERING & LAND SURVEYING P.O. BOX Q - 110 EAST - FIRST SOUTH

VERNAL, UTAH - 84078

SCALE " = 1000	AUGUST 21, 1973
PARTY BR BB JL	REFERENCES
WEATHER HOT	FILE Chevron Oil



Chevron Oil Company Western Division

1700 Broadway, P.O. Box 599, Denver, CO 80201

W. B. Jackson
Division Production Manager

November 27, 1973

CHEVRON OIL COMPANY
L. BOREN #2-11A2
BLUEBELL FIELD
DUCHESNE COUNTY, UTAH

State of Utah
Department of Natural Resources
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Mr. Paul W. Burchell

Gentlemen:

Chevron plans to drill a Wasatch producing well in Section 11, T1S, R2W, Duchesne County, to be called the Chevron L. Boren #2-11A2. The location has been proposed in the NE\(\sigma \subseteq \sigma \sigm

- 1. The well in the C NE4, the Virgil B. Mecham Unit #1, is currently an economical producer from the Green River.
- 2. The well in the NW-NW- is (a) not a legal location for the Wasatch (i.e., not located in the central 160 acres of the section); and (b) is located too close to an existing Wasatch well (Chevron Murray #1-2A2) to provide adequate drainage.
- 3. The spacing of surrounding Wasatch wells is such that a well in the SW4 of Section 11 is necessary to properly drain the reservoir.

Very truly yours,

Wilseles

STATE OF UTAH DIVISION OF OIL, GAS AND MINING DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: FENNY	oi/	
WELLNAME: BOREN 2-11AZ	API# 43-	013-30277
SECTION: TWP: /	5 RANGE: 2	W
INSPECTOR: F.R. MATTHEA		DATE: 12-12-88
REPRESENTATIVE: Warold Strong	<i>2</i>	0 11
OPERATIONS: Lumping Cemen	it for plugging	gwell
SPUD DATE: 1-14-74	DEPTH:	14607
DRILLING AND COMPLETIONS:		
APDW	IELL SIGN	SANITATION
BOPEB	BLOOIE LINE	H2S
VENTED/FLAREDR	RESERVE PIT	FLARE PIT
BURN PIT H	HOUSEKEEPING	
PLUGGING AND ABANDONMENTS:		
PLUG TYPE Class G + .2% D-13	_	INTERVAL Top to both.
PLUGS TESTED: HOW		WOC
MARKER:SURFACE	PLATE	
RECLAMATION:		
CONTOURF	RIPREHAB	
LEGEND: (Y)-YES (P)-PROBLEM (U	U)-UNKNOWN (BLANK)-NO	OT APPICABLE
REMARKS:		,
Filled peasing + 7x988 A	wantes with las	nest #
Saveined 1000 sts. into	Strong of tuly in	the till
APPROVED BYH	OW	DATE

Ji da

November 28, 1973

Chevron Oil Company Box 599 Denver, Colorado 80201

> Re: Well No. L. Boren #2-11A2 Sec. II, T. I S, R. 2 W, USM Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 131-14; and the provisions outlined in your correspondence of November 27, 1973. In addition, approval will be conditional upon the Leonard Boren #1 well, located in the NW NW of Sec. II, not being produced from the same interval as the above referred to well or the Virgil Mecham #1 well.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer HOME: 277-2890 OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API number assigned to this well is 43-013-30277.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT DIRECTOR

CBF:sd

OIL & GAS CONSERVATION COMMISSION				
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S 11, T18, R2W, USB. 16. PERMIT NO. I.E. PLEVATIONS (Show whether DF, NT, OR, etc.) I.E. COUPET OR PARISH I.E. STATE Duchesne Ut.				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
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(Other) (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones are attached. January, 1974 activity report. See attached January, 1974 activity report. 3 - State 2 - USGS 1 - JHD 8. I hereby certify that the foregoing is true and correct W. G. BAKER SIGNED W. G. BAKER TITLE Administrative Ass't. DATE 2-4-74		ABANDON*		
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2 - USGS 1 - JHD 18. I hereby certify that the foregoing is true and correct SIGNED W. G. BAKER Administrative Ass't. DATE 2-4-74	REPAIR WELL (Other) 17. DESCRIBE PROPOSED OR proposed work. If		(Other) Mont (Note: Report result: ('ompletion or Recomp	hly Activity Repor x of multiple completion on Well letion Report and Log form.)
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Chevron Oil Compa	ny-Western <u>Division</u>			L Boren	
ANDRESS OF OPERATOR				9. WELL NO.	
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See also space 17 below.) At surface	·			Bluebell-Wasat	ch
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. I hereby certify that the fore	egoing is true and correct	W. G. BAKE E_ Administra	R tive Ass't.	date 3~5-	-74
(This space for Federal or S	tate office use)				
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18. I hereby certify that the SIGNED (This space for Federa	Bak	W		G. BAKER inistrative Ass't.	DATE 4-	1-74
	VI State OIII		mimi =			
APPROVED BY	BOWAT IN		TITLE		DATE	

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Form OGCC-1 be SUBMIT IN TRIPLICATES STATE OF UTAH (Other instructions on reverse side) 5. LEASE DESIGNATION AND SERIAL NO. OIL & GAS CONSERVATION COMMISSION 6. IF INDIAN, ALLOTTEE OR TRIBE NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.) 7. UNIT AGREEMENT NAME WELL X OTHER S. FARM OR LEASE NAME NAME OF OPERATOR Chevron Oil Company - Western Division
8. ADDRESS OF OPERATOR L. Boren 9. WELL NO. P. O. Box 599 Denver, Colorado 80201

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

At surface 2-11A2 10. FIELD AND POOL, OR WILDCAT Bluebell-Wasatch 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 1758' FSL & 2060' FWL (NE4SW4) S 11, T1S, R2W, USB&M 12. COUNTY OR PARISH | 18. STATE 15. BLEVATIONS (Show whether DF, RT, GR, etc.) 14. PERMIT NO. 5786**'** Duchesne Utah KB Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data 16. SUBSEQUENT REPORT OF: NOTICE OF INTENTION TO: REPAIRING WELL WATER SHUT-OFF PULL OR ALTER CASING TEST WATER SHUT-OFF ALTERING CASING FRACTURE TREATMENT FRACTURE TREAT MULTIPLE COMPLETE SHOOTING OR ACIDIZING ABANDON* SHOOT OR ACIDIZE (Other) Monthly Activity Report REPAIR WELL CHANGE PLANS (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) * See attached April, 1974 activity report. 3 - State 2 - USGS 1 - JHD18. I hereby certify that the foregoing is true and correct Jennifer A. Mishler Engineering Assistant 5-1-74 SIGNED (This space for Federal or State office use) APPROVED BY TITLE DATE . CONDITIONS OF APPROVAL, IF ANY:

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Form OGCC-1 be

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

SUBMIT IN TRIPLICATE® (Other instructions on reverse side) STATE OF UTAH 5. LEASE DESIGNATION AND SERIAL NO. OIL & GAS CONSERVATION COMMISSION 6. IF INDIAN, ALLOTTEE OR TRIBE NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.) 7. UNIT AGREEMENT NAME WELL X GAS WELL OTHER S. PARM OR LEASE NAME 2. NAME OF OPERATOR L. Boren Chevron Oil Company - Western Division 3. ADDRESS OF OPERATOR 9. WELL NO. P. O. Box 599 Denver, Colorado 80201 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2-11A2 10. FIELD AND POOL, OR WILDCAT Bluebell-Wasatch 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 1758' FSL & 2060' FWL (NE4SW4) S 11, T1S, R2W, USB&M 12. COUNTY OR PARISH 18. STATE 15. BLEVATIONS (Show whether DF, RT, GR, etc.) 14. PERMIT NO. KB 5786' Duchesne Utah 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: REPAIRING WELL TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF MULTIPLE COMPLETE FRACTURE TREATMENT ALTERING CASING FRACTURE TREAT SHOOT OR ACIDIZE ABANDON* SHOOTING OR ACIDIZING (Other) Monthly Activity Report REPAIR WELL CHANGE PLANS (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) * See attached May 1974 activity report. 3 - State 2 - USGS 1 - JHD18. I hereby certify that the foregoing is true and correct Jennifer A. Mishler Mu TITLE. 6 - 1 - 74Engineering Assistant SIGNED DATE . (This space for Federal or State office use)

DATE .

TITLE

Form OGCC-1 be

STATE OF UTAH

SUBMIT IN TRIPLICATE® (Other instructions on reverse side) ON	5. LEASE DESIGNATION AND SERIAL NO.
ON WELLS back to a different reservoir.	6. IF INDIAN, ALLOTTER OR TRIBE NAME
· · · · · · · · · · · · · · · · · · ·	7. UNIT AGREEMENT NAME
	8. FARM OR LEASE NAME
	L. Boren
	9. WELL NO.
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3.	ADDRESS OF OPERATOR	Western Division		9. WELL NO.	
	P. O. Box 599	Denver, Colorado 802	201	2-11A2	
4.	LOCATION OF WELL (Report location c See also space 17 below.)	learly and in accordance with any	State requirements.*	10. FIELD AND POOL, OF	WILDCAT
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18.	I hereby certify that the foregoing is		ennifer A. Mishler		

(This space for Federal or State office use) DATE _

January 196		SUBMIT IN TRIPLICATE.	
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8. ADDRESS OF OPERATOR	***************************************		9. WELL NO.
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nent to this work.) *		nent detalls, and give pertinent dates, ocations and measured and true vertica	including estimated date of starting a

DATE ___

TITLE .

Chevron

Chevron Oil Company Western Division

Exxon Shell

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME:

L. BOREN #2-11A2

FIELD:

BLUEBELL

WELL LOCATION:

SW¹₄, Sec. 11, T1S, R2W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

4-1-74	12,790' drlg.			•
4-2-74	12,854' drlg.		e e e e e e e e e e e e e e e e e e e	
4-3-74	12,900' drlg.			2
4-4-74	12,952' drlg.			
4-5-74	13,044' drlg.			en e
4-8-74	13,320' drlg.	•		
4-9-74	13,374' drlg.			
4-10-74	13,411' drlg. Lost 525 BM @ 13, returns.	,379 & 400	BM @ 13,380 Drlg a	head w/full
4-11-74	13,470' drlg.			i AQQ Q
4-12-74	13,528' drlg.			
4-15-74	13,691' circ btms up after trip	for bit.		
4-16-74	13,755' drlg.			
4-17-74	13,860' drlg.			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
4-18-74	13,955' drlg.			
4-19-74	14,044' drlg.			
4-22-74	14,295' drlg.			
4-23-74	14,310' drlg.			
4-24-74	14,436' drlg.			•
4-25-74	14,517' drlg.		•	
4-26-74	14,586' drlg.			



OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: L. BOREN #2-11A2

FIELD:

BLUEBELL

WELL LOCATION: SW4, SEC 11, T1S, R2W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

· DAILY DRILLING REPORT

- 4-29-74

 14,607' TD. Circ & cond mud drld to TD & cond hole. Ran logs.

 Made cond trip w/bit. Ran 88 jts 5" liner hung @ 14,605' w/top liner & 10,971'. Cmtd w/430 sxs WOC 3:00 am, 4/29/74. Set pkr & rev out no cmt returns. Cond mud @ top liner before tripping.
- 4-30-74 14,607' TD. DOC @ 14,479'. POOH w/liner setting tool. P/U BHA & 2-3/8" tbg. RIH & tagged @ 14,439'. Tested top liner to 1500 psi. DOC to 14,479' continuing to DO.
- 5-1-74 14,550' PBTD. Running CBL DO long collar & cmt to 14,550'. Cond mud & POOH w/mill.
- 5-2-74 14,550' PBTD. L/D 3-1/2" DP. Ran GR-CBL. RIH OE to PBTD, displ mud w/wtr & spotted acetic acid in liner.
- 5-3-74 14,550' PBTD. Running prod pkr. L/D 3-1/2" DP. P/U retrieva "D" pkr & BHA. P/U tbg string & GIH.
- 5-6-74

 14,550' PBTD. Running heat string. P/U tbg string & set Retrieva "D" pkr.
 Displ hole w/diesel & POOH w/setting tool. Hydrotested in w/prod tbg string.
 Latched into pkr & found only partially set. Released from pkr & POOH. Ran & set new pkr @ 10,930'. Hydrotested in w/prod tbg string & landed in pkr.
 P/U & running 1-1/2" tubing heat string.
- 5-7-74 14,550' PBTD. RDRT. Ran & landed 1-1/2" tbg heat string @ 4013'. N/D BOPE & installed wellhead. Released rig @ 4:00 AM 5-7-74.
- 5-8-74 14,550' PBTD. MORT.
- 5-9-74 14,550' PBTD. MORT.
- 5-10-74 14,550' PBTD. MORT.
- 5-13-74 14,550' PBTD. Awaiting surface installations. Will drop from report until surface facilities completed.
- 5-14-74 14,550' PBTD. WO 10,000 psi tree repair.
- 5-15-74 14,550' PBTD WO tree.
- 5-16-74 14,550' PBTD. WO tree.
- 5-17-74 14,550' PBTD. WO tree.



Chevren Oil Company Western Division

Exxon Shell

OPERATOR:

CHEVRON OIL COMPANY

L. BOREN #2-11A2 WELL NAME:

FIELD:

BLUEBELL

SW1, Sec. 11, T1S, R2W WELL LOCATION:

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

14,550' PBTD. WO tree. 5-20-74 WO tree. 14,550' PBTD 5-21-74 14,550' PBTD. WO tree. 5-22-74 14,550' PBTD. WO tree. 5-23-74 14,550' PBTD. WO tree. 5-24-74 14,550' PBTD. 5-26 Perfd 59 zones 14,533-13,197' w/2 JPF. SITP 0. 5-27 SITP 150 psi - bled off flowing \pm 1/4" str diesel. R/U & pumped 5-2**3-**74 60 bbl diesel down tbg @ 1-3/4 BPH w/7000 psi - ISIP 6800 psi. Opened to battery & flowed ± 200 BO w/TP 500 psi in ± 15 hrs. Prep to acidize. 14,550' PBTD. Acidized w/8850 gal @ 10 BPM w/8300 psi. ISIP 6500 psi -5-29-74 15 min SIP 3900 psi. Cleaned up to pit & turned to battery. Flowed: 1013 BO, 19 BW, 26/64" choke, TP 1650 psi in 22 hrs. 14,550' PBTD. Flowed 1558 BOPD, 0 BWPD, 26/64" choke, TP 800 psi, GOR 5-30-74 374. 14,550' PBTD. Flowed 1176 BOPD, 0 BWPD, 26/64" ck, TP 700 psi Final 5-31-74 Report. Since our Final Report dated above, we have observed the producing performance of this well and have concluded that additional perforations and stimulation is

warranted. Funds for this work were included in the original AFE.

- Tagged fill @ 14,538'. Perfd 20 zones 14,390-13,192' w/l JPF. SITP 0-0. 7-18-74
- WO equip for acid job. 7-19-74
- Acidized w/20,000 gal 15% HCl @ 8500 psi @ 8 BPM. Nitrified flush w/300 7-22-74 CFPB. ISIP 6600 15 min 3100. Open to pit, unloaded flush & died. Dead this AM. Prep to unload w/ NOWSCO.
- Displ tbg w/40 BOO followed by wtr. W/O NOWSCO. Should be available Wed. 7-23-74 7-24-74



Chevron Oil Company Western Division

Exxon · Shell

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: L. BOREN #2-11A2

FIELD:

BLUEBELL

WELL LOCATION:

SW4, SEC. 11, T1S, R2W

Duchesne County, Utah

DAILY ACTIVITY REPORT

7-24-74 Waiting on NOWSCO to kick well off.

7-25-74 RU NOWSCO, ran tbg to 7000' & unloaded w/nitrogen. Cleaned to pit w/250 psi & turned to btry. No prodn recorded this AM, TP 75. Contg to test.

F 174 BO & 13 BW in 3 hrs, 20/64" ch & died. SI for buildup. 7-26-74

7-29-74 7-26 Dead

> 7-27 157 BO, 18 BW, 18/64" choke, TP 200 psi - off 12 hrs.

7-28 183 BO, 31 BW, 16/64" choke, TP 150 psi - Final Report.

SU (TAN TRIPLICATE* ver instructions on reverse side)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

יום	ISION OF OIL, GAS, A	ND MINING		5. LEASE DESIGNATION	AND BERIAL NO.
	OTICES AND REPO		reservoir.	6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
I				7. UNIT AGREEMENT N.	AMB
WELL WELL OTH	:2				
2. NAME OF OPERATOR				8. FARM OR LEASE NA	KB
Chevron U.S.A. Inc.				L. Boren	
P. O. Box 599, Denve	er. CO 80201			2-11A2 10. FIELD AND POOL, OR WILDCAT	
4. LOCATION OF WELL (Report locat See also space 17 below.)	ion clearly and in accordance v	vith any State requirement	8.*		
At surface				Bluebell-Wa	
1758' FSL & 2060' FV	UL NESW		•	11. SEC., T., R., M., OR SURVEY OR AREA	BLK. AND L
				Sec. 11, T1	s. R2W
14. PERMIT NO.	15. BLEVATIONS (Show w	hether DF, RT, GR, etc.)		12. COUNTY OR PARISE	
	KB 5786			Duchesne	Utah
L6. Check	Appropriate Box To Ind	icate Nature of Notice	e, Report, or O	ther Data	
	NTENTION TO:	1		ENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHI	UT-OFF	REPAIRING	WELL
FRACTURE TREAT	MULTIPLE COMPLETE	7	TREATMENT	ALTERING C	DAING
SHOOT OR ACIDIZE	ABANDON®	SHOUTING	OR ACIDIZING X	ABANDONME	NT.
REPAIR WELL	CHANGE PLANS	(Other) _	- B 10-	-4	
(Other)		Comp	E: Report results detion or Recomple	of multiple completion tion Report and Log fo	rm.)
Well was cleaned out, 1. MIR & RU. ND wellh 2. POOH w/l½" tbg and 3. RIH w/mill to 14,5 4. Logged well-Carbon BHC Acoustic logs. 5. Perforated well. 6. Acidized well. Se 7. RIH and set Baker 8. RIH w/l½" & 2-7/8" 9. RD BOPE. NU tree 0. Turned well to pro	ead. NU BOPE. 2-7/8" tbg. 50, RIH w/bit and completed to the complete searchment. Exact achment. Swab and complete searchment and production and tested to 5000	asing scraper to fetime, spectral bed well. 0,903'. assembly.	14,550' og,	3-Stat 2-BLM 2-Part 1-LRH 1-REO 1-LJT 1-Sec. 1-File	ee mer 723
DIVISION OF 18. I hereby Firtue AS 18. 1444	age true and correct	disturbances for this acti	required vity.	DATE Novem	nber 16, 198
(This space for Federal or State	e office use)				
APPROVED BY		r-		_,	
COMPLIATION OF APPROVAL,				_ DATE	

WELL NAME:	L. Boren 2-11A2
FIELD:	Bluebel1

COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips): 2 shots/ft. *4 shots/ft.

```
13,580 - 13,596
*14,468 - 14,490
                      13,519 - 13,530
14,170 - 14,176
14,187 - 14,190
                      13,478 - 14,484
                      13,424 - 14,428
14,148 - 14,151
                      13,414 - 13,419
14,131 - 14,138
 13,964 - 13,978
                      13,376 - 13,385
13,987 - 13,989
                      13,366 - 13,372
 13,930 - 13,940
                      13,274 - 13,288
                      13,263 - 13,270
 13,876 - 13,984
                      13,253 - 13,256
 13,871 - 13,874
13,836 - 13,839
                      13,244 - 13,250
                      13,223 - 13,228
13,772 - 13,774
                      13,212 - 13,218
*13,667 - 13,696
*13,649 - 13,666
 13,630 - 13,641
 13,554 - 13,556
```

- 2. Company doing work: Oil Well Perforations
- 3. Date of work: October 24-25, 1983
- 4. Additional surface disturbances: None
- 5. Production after work:

Date	BOPD	$\frac{\text{MCFD}}{}$	BWPD
11/5-9/83	36		109

WEL	NAME L. Boren 2-11A2	
FIE	D NAME Bluebell	
	COMPLETED TREATMENT PROCEDURE	
1.	Size and type of treatment: 35,000 gals. 15% HCL	
2.	Intervals treated: 13,192-14,533'	
2	Torontonius danna analysis and to the same and the same a	
3.	Treatment down casing or tubing: tubing	
4.	Methods used to localize effects: Set retrievamatic packer at 12,903' and benzoic acid flakes used as diverting agents	d
5.	Disposal of treating fluid: Spent acid was swabbed back to flat tank	
6.	Depth to which well was cleaned out: 14,550 '	
7.	Date of work: October 27, 1983	
8.	Company who performed work: Dowell	
9.	Production interval: 13,192 - 14,533'	
10.	Status and production before treatment:	
	Date BOPD MCFD BWPD	
	9/83 29 87	

11. Status and production after treatment:

<u>Date</u>	BOPD	MCFD	BWPD
11/5-9/83	36		109

JBMIT IN TRIPLICATE* (Other instructions on

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	5. LEASE DESIGNATION AND SERIAL NO.
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTER OR TRIBE NAM
OIL X WELL OTHER	7. UNIT AGREEMENT NAME Bluebell
2. NAME OF OPERATOR Chevron U.S.A. Inc.	8. FARM OR LEASE NAME L. Boren
3. ADDRESS OF OFFRATOR P.O. Box 599, Denver, Colorado 80201	9. WELL NO. 2-11A2
 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.⁶ See also space 17 below.) At surface 	10. FIELD AND FOOL, OR WILDCAT Bluebell - Wasatch
1758' FSL & 2060' FWL (NE4SW4)	11. 88C., I., B., M., OB BLE. AND SUBVEY OB AREA
14. PERMIT NO. 15. BLEVATIONS (Show whether DF, RT, QR, etc.) KB 5786	Sec. 11, T1S, R2W 12. COUNTY ON PARISH 18. STATE Duchesne Utah
Check Appropriate Box To Indicate Nature of Notice, Report, or C	Other Data
TEST WATER SEUT-OFF PULL OR ALTER CASING FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) LOS WATER SHUT-OFF PRACTURE TREATMENT SHOUTING OR ACIDIZING (Other) (Note: Report results (Completion or Recomble	REPAIRING WELL ALTERING CASING ABANDONMENT® of multiple completion on Well etion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical nent to this work.)* It is proposed to run a suite of cased-hole logs to evaluate the in the Green River and Wasatch Formations. After evaluating the logs, the well will be perforated and acidiz	including estimated date of starting nail depths for all markers and zones period potential left

Wasatch formation.

3-BLM 2-State 2-Partners 1-Field 1-S.723

1-File

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINUNG

DATE: -

BY:

No additional surface disturbances required for this activity.

18. I hereby certify that the foregoing is true and correct SIGNED There 7. Bush	TITLE Engineering Asst.	DATE August 11, 198
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

N TRIPLICATE* SUBA instructions on (0rreverse side)

CR 96-107 5. LEASE DESIGNATION AND SERIAL NO. USB&M Utah REPAIRING WELL ALTERING CASING ABANDONMENT*

6. IF INDIAN, ALLOTTER OR TRIBE NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.) 7. UNIT AGREEMENT NAME WELL X OTHER 8. FARM OR LEASE NAME NAME OF OPERATOR L. Boren Chevron U.S.A. Inc. 9. WELL NO. 8. ADDRESS OF OPERATOR 2-11A2 P. O. Box 599, Denver, CO 80201 LOCATION OF WELL (Report location clearly and in accordance with any State See also space 17 below.)
At surface 10. FIELD AND POOL, OR WILDCAT Bluebell-Wasatch 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 1758' FSL & 2060' FWL (NE\(\square\) SW\(\square\) S11, T1S, R2W, 12. COUNTY OR PARISH | 18. STATE 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 14. PERMIT NO. KB 5786 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PULL OR ALTER CASING WATER SHUT-OFF TEST WATER SHUT-OFF FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT SHOOTING OR ACIDIZING X SHOOT OR ACIDIZE ABANDON* REPAIR WELL CHANGE PLANS (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) * A mud and silt remover treatment was performed as follows: MIR & RU NU BOPE. POOH w/tbg and BHA.

- RIH w/tbg and latched into Retr. "D" pkr at 10,930'.
- Pumped 30,000 gals mud & silt remover 100 (15% HCl & 30,000 gals MTSR-Water) See attached.
- Flushed tbg w/150 bbls MTSR H₂O & 120 bbls 2% KCl.
- 5. Well flowed, then died. Swabbed well.
- Released from Retr "D" pkr. POOH w/tbg.
- 7. RIH w/prod string and BHA. POOH.
- Placed well on production.

3-State

2-USGS

1-JAH

2-Partners

1-Sec. 723

1-DLD

1-File

No additional surface disturbances required for this activity.

8. I hereby certify that the foregoing is true and correct SIGNED	TITLE Engineering Assistant	Dec. 14, 1978
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

WELI	L NAME L. Boren 2-11A2	
FIE	LD NAMERluebell	
	COMPLETED TREATMENT PR	OCEDURE
1.	Size and type of treatment: 30,000 MSTR & 15% HC1.	gals MSTR-100 (30,000 gals
2.	Intervals treated: 13,192-14,533	
3.	Treatment down casing or tubing. Tubi	ng
4.	Methods used to localize effects: Ball	sealers and acid flakes.
5.	Disposal of treating fluid: Spend acid	was swabbed back
6.	Depth to which well was cleaned out:	14,600
7.	Time spent bailing and cleaning out:	5 days
8.	Date of work: September 12, 1978	
9.	Company who performed work: Dowell	
10.	Production interval: 13,192-14,533	
11.	Status and production before treatment	:
	Date BOPD MCFD	BWPD

12.	Status	and	production	after	treatment:
-----	--------	-----	------------	-------	------------

42

4/10-17/78

Date	BOPD	MCFD	BWPD
9/26-10/1/78	100		138
10/2/-10/9/78	63		79

73

	STATE OF U	TAH	SUBMIT IN TRIPLICATE		/
			(Other instructions on reverse side)	5. LEASE DESIGNATION A	ND SERIAL N
OIL & GA	AS CONSERVATIO	N COMMISSION			
SUNDI	RY NOTICES AND TIME for proposals to drill or Jise "APPLICATION FOR PE	REPORTS ON to deepen or plug back ERMIT—" for such prop	N WELLS r to a different reservoir.	6. IF INDIAN, ALLOTTEE	OR TRIBE NA
OIL CO GAR CO	1			7. UNIT AGREEMENT NAM	43
WELL X WELL NAME OF OPERATOR	OTHER			8. FARM OR LEASE NAME	B
	ompany, Western D	ivision		L. Boren	
. ADDRESS OF OPERATOR				9. WELL NO.	
P. O. Box 599	Denver, Colo	rado 80201		2-11A2 10. FIELD AND POOL, OR	WILDCAT
See also space 17 below.	ort location clearly and in a	ccordance with any Su	ite requirements.	Bluebell-Was	
At surface 1758' FSL & 20	060' FWL (NE4SW4)			11. SEC., T., B., M., OR BI SURVEY OR AREA	
				S-11, T1S, R2W	
4. PERMIT NO.	15. BLEVATIO	NS (Show whether DF, RT	r, gR, etc.)	12. COUNTY OR PARISH	18. STATE
	KB 5	786		Duchesne	Utah
6.	Check Appropriate B	ox To Indicate Nat	ure of Notice, Report, or		
NOT	TICE OF INTENTION TO:		SUBSE	QUENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER	CASING	WATER SHUT-OFF	REPAIRING W	
FRACTURE TREAT	MULTIPLE COM	PLETE	FRACTURE TREATMENT	X ABANDONMEN	T
SHOOT OR ACIDIZE	ABANDON*		SHOOTING ON ACIDIDING	X ABANDONMEN	T* -
REPAIR WELL (Other)	CHANGE PLANS		(Other)	ts of multiple completion of pletion Report and Log for	on Well
Perforated int	terval 14,304-13	,294 (48 shots	/96 holes) with 2	ical depend for an america	
Perforated int gals 15% HCL. Production Bef Production Aft Work Started:	terval 14,304-13. Flared well for fore Workover: 6 ter Workover: 8	,294 (48 shots c 48 hours aft	/96 holes) with 2 er acidizing.	ical depend for an america	
Perforated int gals 15% HCL. Production Bef Production Aft	terval 14,304-13. Flared well for fore Workover: 6 ter Workover: 8	,294 (48 shots c 48 hours aft	/96 holes) with 2 er acidizing.	ical depend for an america	
Perforated int gals 15% HCL. Production Bef Production Aft Work Started:	terval 14,304-13, Flared well for fore Workover: ter Workover: 8	,294 (48 shots c 48 hours aft	/96 holes) with 2 er acidizing.	shots/ft. Acidiz	zed w/10
Perforated int gals 15% HCL. Production Bef Production Aft Work Started:	terval 14,304-13, Flared well for fore Workover: ter Workover: 8	,294 (48 shots c 48 hours aft	/96 holes) with 2 er acidizing.	shots/ft. Acidiz	zed w/10
Perforated int gals 15% HCL. Production Bef Production Aft Work Started:	terval 14,304-13, Flared well for fore Workover: ter Workover: 8	,294 (48 shots c 48 hours aft	/96 holes) with 2 er acidizing.	shots/ft. Acidiz STATE 3 USGS 2	zed w/10
Perforated int gals 15% HCL. Production Bef Production Aft Work Started:	terval 14,304-13, Flared well for fore Workover: ter Workover: 8	,294 (48 shots c 48 hours aft	/96 holes) with 2 er acidizing.	shots/ft. Acidiz STATE 3 USGS 2 JHO 1	zed w/10
Perforated int gals 15% HCL. Production Bef Production Aft Work Started:	terval 14,304-13, Flared well for fore Workover: ter Workover: 8	,294 (48 shots c 48 hours aft	/96 holes) with 2 er acidizing.	shots/ft. Acidiz STATE 3 USGS 2 JHD 1 PARINERS 2	zed w/10
Perforated int gals 15% HCL. Production Bef Production Aft Work Started:	terval 14,304-13, Flared well for fore Workover: ter Workover: 8	,294 (48 shots c 48 hours aft	/96 holes) with 2 er acidizing.	shots/ft. Acidiz STATE 3 USGS 2 JHO 1	zed w/10
Perforated int gals 15% HCL. Production Bef Production Aft Work Started:	terval 14,304-13, Flared well for fore Workover: ter Workover: 8	,294 (48 shots c 48 hours aft	/96 holes) with 2 er acidizing.	shots/ft. Acidiz STATE 3 USGS 2 JHD 1 PARINERS 2	zed w/10
Perforated int gals 15% HCL. Production Bef Production Aft Work Started:	terval 14,304-13, Flared well for fore Workover: ter Workover: 8	,294 (48 shots c 48 hours aft	/96 holes) with 2 er acidizing.	shots/ft. Acidiz STATE 3 USGS 2 JHD 1 PARINERS 2	zed w/10
Perforated int gals 15% HCL. Production Bef Production Aft Work Started:	terval 14,304-13, Flared well for fore Workover: ter Workover: 8	,294 (48 shots c 48 hours aft	/96 holes) with 2 er acidizing.	shots/ft. Acidiz STATE 3 USGS 2 JHD 1 PARINERS 2	zed w/10
Perforated int gals 15% HCL. Production Bef Production Aft Work Started: Work Completed	terval 14,304-13, Flared well for fore Workover: ter Workover: 8	,294 (48 shots c 48 hours aft D BOPD 7 BOPD, 3 BWPD	/96 holes) with 2 er acidizing.	shots/ft. Acidiz STATE 3 USGS 2 JHD 1 PARTNERS 2 FILE 1	zed w/10
Perforated int gals 15% HCL. Production Bef Production Aft Work Started: Work Completed	terval 14,304-13, Flared well for fore Workover: ter Workover: 8 10-15-74 d: 10-16-74	,294 (48 shots aft D BOPD 3 BWPD Jenn	/96 holes) with 2 er acidizing.	shots/ft. Acidiz STATE 3 USGS 2 JHD 1 PARINERS 2	zed w/10
Perforated int gals 15% HCL. Production Bef Production Aft Work Started: Work Completed	terval 14,304-13, Flared well for fore Workover: ter Workover: 10-15-74 d: 10-16-74	,294 (48 shots aft D BOPD 3 BWPD Jenn	/96 holes) with 2 er acidizing.	shots/ft. Acidiz STATE 3 USGS 2 JHD 1 PARTNERS 2 FILE 1	zed w/10

BOREN 2-11A2 BLUEBELL FIELD

PERFORATED INTERVALS

14,304 14,133	14,294 14,120	14,270 14,050	14,258 14,023 13,931	14,213 14,016 13,873	14,137 14,011 13,868
13,960 13,841 13,746	13,939 13,808 13,728	13,934 13,800 13,717	13,773 13,691	13,756 13,664	13,750 13,658 13,474
13,652 13,453 13,357	13,576 13,436 13,354	13,555 13,426 13,343	13,516 13,410 13,338	13,482 13,364 13,310	13,360 13,294

TE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OUR GAS AND MINING

Othe ructions on se side)

(Do not use this form for pro- Use "APPI" OIL X GAS WELL OTHES NAME OF OPERATOR Chevron U.S.A. In	oposals to drill or to dee LICATION FOR PERMIT-			6. IF I	NDIAN, ALLOTT	EB OR TRIBE NAME		
OIL X GAS OTHER NAME OF OPERATOR Chevron U.S.A. In Address of Operator	•		SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)					
Chevron U.S.A. In			-	7. UNI	T AGREEMBNT I	(AMB		
ADDRESS OF OPERATOR				8. FAR	M OR LBASE N	AMB		
	ıc.			I	. Boren			
D O Box 500 Da				9. WEL	L NO.			
r. U. DUX JYY, De	nver, CO 80201	l		2	2-11A2			
 LOCATION OF WELL (Report location See also space 17 below.) At surface 	on clearly and in accordan	nce with any	State requirements.*	l	bell-Was	_		
	060' FWL (NE' S	5W4)		11. 88	C., T., R., M., OS SURVEY OR ARI	BLE. AND		
					TIS, R2	W, USB&M		
14. PERMIT NO.	15. SLEVATIONS (Sho		, RT, GR, etc.)	4				
	KB 5786			Duc	hesne	Utah		
6. Check	Appropriate Box To	Indicate N	lature of Notice, Report,	or Other D	ata			
NOTICE OF IN	TENTION TO:		S U	BESQUENT REP	ORT OF:			
TEST WATER SHUT-OFF	PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING	WELL		
FRACTURE TREAT	MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING	CABING		
SHOOT OR ACIDIZE X	ABANDON®		SHOUTING OR ACIDIZING		MNOUNAEA	ENT*		
REPAIR WELL	CHANGE PLANS		(Other)		-11-44			
(Other)			(Note: Report re Completion or Re	completion Re	port and Log f	orm.)		
treatment as foll 1. MIR & RU. NU 2. RIH w/tbg and	ows: J BOPE. POOH w, l latch into ret	tubing	remover treatment and BHA. pkr at 10,930'100 (15% HC1 & 30					
4. Rig down and	ion treatment. and new BHA.		. If well does no h from pkr and POO		perform	100 gal		
disturba	ional surface nces required activity	APPROOIL, G DATE: BY:	VED BY THE DIVISION AS, AND MINING May 19 19 May 19 19	ON OF	3-State 2-USGS 1-JAH 2-Partn 1-Sec 7 1-DLD 1-File	ners		
8. I hereby certify that the foregoing		ritle E	ngineering Assista	ant r	DATEMa	ıy 8, 1978		
(This space for Federal or State	office use)							

WELL NAME:	L. Boren #2-11A2
FIELD:	Bluebell

PROPOSED TREATMENT PROCEDURE

- 1. Objective: Clean out mud & silt, scale inhibition treatment to retard scale accumulation and increase production.
- 2. Size and type of treatment: 30,000 gals MS&R-100 (30,000 gals MS&R and 15% HCl) 100 gals scale inhibition.
- 3. Intervals to be treated: 13,192-14,533
- 4. Treatment down casing or tubing: Tubing
- 5. Method of localizing its effects: Ball sealers to be used as diverting agents.
- 6. Disposal of treating fluid: Spent fluid to be swabbed back.
- 7. Name of company to do work: Dowell, Halliburton or Western
- 8. Anticipated additional surface disturbances: None
- 9. Estimated work date: May 19, 1978
- 10. Present status, current production and producing interval:

<u>Date</u>	BOPD	MCFD	BWPD
4/10-17/78	42		73

PI WA

Form OGCC-1 be	,
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SUBMIT	IN TRIPL	IÇA'	LE.
(Other	instructions	on	re-

OIL & G		ERVATION CO	рмміѕ	verse side)	structions on re-	5. LEASE DE	BIGNATION A	AND BERIAL NO.
				ON WELLS ug back to a different		6. IF INDIA	N, ALLOTTER	OR TRIBE NAME
OIL X GAB WELL						7. UNIT AGR	EEMBHT NA	43
WELL LA WELL L	OTHER					8. FARM OR	LEASE NAME	
Chevron Oil Com	pany - We	stern Divisi	.on			L. Bo	ren	
8. ADDRESS OF OPERATOR						9. WELL NO		
P. O. Box 599		enver, Color				2-11A	<u> </u>	
4. LOCATION OF WELL (Re See also space 17 below	port location cl- v.)	early and in accordan	nce with	any State requiremen	its.•	10. FIELD A	ell-Was	
At surfacē							B., M., OR BI	
1758' FSL & 206	O' FWL (N	E ¹ 4SW ¹ 4)				AURVI	BY OR ARBA	, USB&M
14. PERMIT NO.		15. BLEVATIONS (She	ow whethe	r DF, RT. GR. etc.)			OR PARISH	
22. 1200.2 00.		1	KB 5			Duches	ne	Utah
14		. D T	1 10 4	N. (N.	D	74 D-4-		
16.	Check Ap	propriate Box !o	Indicate	e Nature of Notice				
N	OTICE OF INTENT	NON TO:			SUBSEQ	UENT REPORT	o r :	
TEST WATER SHUT-OF	P	ULL OR ALTER CASING	•	WATER S	HUT-OFF	_ '	REPAIRING W	BLL
FRACTURE TREAT	M	ULTIPLE COMPLETE			TREATMENT		LITERING CA	
SHOOT OR ACIDIZE		BANDON*			OR ACIDIZING X	• •	BANDONMEN	F*
REPAIR WELL (Other)	c	HANGE PLANS		(Other) . (No	TE : Report results	of multiple o	completion o	n Well
17 DESCRIPE PROPOSED OF	COMPLETED OPER	ATIONS (Clearly stat	e all perti	nent details and of	pletion or Recomp	including est	imated date	of starting an
The below liste	d interva	ls were perf		d w/1 jet/ft				
14,390, 14,384, 13,684, 13,673,							13,811,	13,801,
Production Price Production After		Dead 174 BOPD, 1	.3 BWP	D				
Work Started:	7-17-74							
Work Completed:								
•						E 3		
					USG	52		
					PART	NERS .	2	
					JHD	/		
					FIL	E/		
					, , -	·		
18. I hereby certify that	the foregoing is	true and correct		Jennifer A.	Mishler			
SIGNED JENNE		miller	TITLE _	Engineering		DATE	9-18-7	4
(This space for Fester	al or State offic	e use)				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
APPROVED BY	DECULAT TO A		TITLE _			DATE	<u> </u>	
CONDITIONS OF AP	LUANT, IN A	NI i						

TI /

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. 1. OIL WELL OTHER 2. NAME OF OPERATOR Chevron Oil Company - Western Division 3. ADDRESS OF OPERATOR P. O. Box 599 Denver, Colorado 80201 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1758' FSL & 2060' FWL (NE-4SW-4) 16. BLEVATIONS (Show whether DF, RT, GR, etc.) 17. UNIT AGREEMENT NAME 7. UNIT AGREEMENT NAME 8. FARN OR LEASE NAME L. BOYEN 10. PIELD AND POOL, OR WILD Bluebell—Wasato 11. SEC., T., E., M., OR BLK. AN 802023 S 11, T1S, R2W, U 14. FERMIT NO. 15. BLEVATIONS (Show whether DF, RT, GR, etc.)	OIL & GAS C	STATE OF UTAH ONSERVATION COMMISS	(Other instructions on reverse side)	5. LEASE DESIGNATION AND SERI
OTHER WALL OTHER WALL OF OFFERDATE WALL WILL DOTHER WALL OF OFFERDATE Chevron Oil Company - Western Division ADDRESS of SYSTAMOR P. O. Box 599 Denver, Colorado 80201 Bee also space 17 below.) Incavior of wall. (Report location clearly and in accordance with any State requirements.* 1758' FSL & 2060' FWL (NE% 50%) 4. FERMIT NO. IS. RENYATIONS (Show whether P. R. G. etc.) Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTERVIOUS TO: WATER BRUT-OF FRACTURE TREAT SHORT OF: WATER BRUT-OF FRACTURE TREAT SHORT OF: WATER BRUT-OF FRACTURE TREAT SHORT OF: REPAIRING WELL ALTERIA CASING MULTIPLE COMPLETE SHOWNER, FRACTURE TREAT SHORT OF: REPAIRING WELL ALTERIA CASING MULTIPLE COMPLETE SHOWNER, FRACTURE TREAT SHORT OF: REPAIRING WELL ALTERIA CASING MULTIPLE COMPLETE SHOWNER, FRACTURE TREAT SHORT OF REPAIRING (Clearly state all pertient details, and yet pertiented date, including casing casing AND CHARGE STATE OF THE SHORT O				6. IF INDIAN, ALLOTTES OR TRISE
NAME OF OPERATORS Chevron Oil Company - Western Division 1. Address of or Peratarons P. O. Box 599 Denver, Colorado 80201 Decarpos of west, (Report location clearly and in accordance with any State requirements.* 1. Fight And Proc., os will Bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will Bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will Bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will Bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will Bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will Bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will Bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will Bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will Bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will Bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will be a state of the Mon. 1. Fight And Proc., os will be a state of the Mon. 1. Fight And Proc., os will be bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will be bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will be bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will be bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will be bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will be bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will be bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will be bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will be bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will be bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will be bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will be bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will be bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will be bluebell-Wassate 1. State of the Mon. 1. Fight And Proc., os will be bluebell-Wassate 1. Fight And Proc., os will b	. OTC 573 GAS 573	PPLICATION FOR PERMIT—" for such	i proposals.)	7. UNIT AGREEMENT NAME
ADDRESS OF OFERIOR P. O. BOX 599 Denver, Colorado 80201 Denver, Colorado 80201 Denver, Colorado 80201 Denver, Colorado 80201 Denver de Vertifica de Vertifica de Vertifica 80201 Denver de Vertifica 60201 Denver de V	WELL COTI	HBR		8. FARM OR LEASE NAME
P. O. Box 599 Denver, Colorado 80201 10. DOZADOS OF WILL (Report location clearly and in accordance with any State requirements.* 1758' FSL & 2060' FWL (NPESWE) 1758' FSL & 2060' FWL (NPESWE) 1758' FSL & 2060' FWL (NPESWE) 18. ELEVATION (Show whether PF, NT. Os. vio.) 19. COLORYT OR ALBER 15. OCCUPY		pany – Western Div i sior	1	
Bluebell-Wasarc 1758' FSL & 2060' FWL (NEASWA) 1758' FSL & 2060' FWL (NEASWA) 18 SIR, TIS, RZW, U 19 SUBMIT NO. 18 SIRVATIONS (Show whicher Dr. N. OK. etc.) 19 COUNTY OR PARISEN IS. 1 10 COUNTY OR PARISEN IS. 1 11 COUNTY OR PARISEN IS. 1 12 COUNTY OR PARISEN IS. 1 13 COUNTY OR PARISEN IS. 1 14 COUNTY OR PARISEN IS. 1 15 COUNTY OR PARISEN IS. 1 16 COUNTY OR PARISEN IS. 1 17 COUNTY OR PARISEN IS. 1 18 COUNTY OR PARISEN IS. 1 19 COUNTY OR PARISEN IS. 1 19 COUNTY OR PARISEN IS. 1 10 COUNTY OR PARISEN IS. 1 11 TIS, RZW, CW. 1 12 COUNTY OR PARISEN IS. 1 12 COUNTY OR PARISEN IS. 1 13 COUNTY OR PARISEN IS. 1 14 COUNTY OR PARISEN IS. 1 14 COUNTY OR PARISEN IS. 1 15 COUNTY OR PARISEN IS. 1 16 COUNTY OR PARISEN IS. 1 16 COUNTY OR PARISEN IS. 1 18 COUNTY OR PARISEN IS. 1 10 COUNTY OR PA		Denver, Colorado	80201	
At surface 1758' FSL & 2060' FWL (NE%SW%) 11. SEC.T., P. W. BARNATON (Show whether DF, RT, OA, etc.) 5. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTERFETON TO: TRET WATER SHUT-OFF FRACTURE TREAT SHOW WATER SHUT-OFF FRACTURE TREAT SHOW OF PLANS (Other) COMPTO OR ACIDIES REPAIR WELL CHANGE PLANS (Other) SHOW OF REPORT CONFIDENCE OR SHOW ARANDOMMENTS' FRACTURE TREATMENT TREATMENT ARANDOMMENTS' REPAIR WELL CHANGE PLANS (Other) COMPTO OR ACIDIES REPAIR WELL CHANGE PLANS (Other) SHOW OF REPORT CONFIDENCE OR SHOW ARANDOMMENTS' FRACTURE TREATMENT TREATMENT ARANDOMMENTS' REPAIR WELL CHANGE PLANS (Other) SHOW OF REPORT CONFIDENCE OR SHOW ARANDOMMENTS' PRACTURE TREATMENT TREATMENT TREATMENT ARANDOMMENTS' REPAIR WELL CHANGE PLANS (Other) SHOW OF REPORT CONFIDENCE OR SHOW ARANDOMMENTS' REPAIR WELL CHANGE PLANS (Other) REPAIR WELL CHANGE SHOW OF TREATMENT ARANDOMMENTS' REPAIR WATER SHOW-OF TREATMENT ARANDOMMENTS' REPAIR WELL CHANGE SHOW OF TREATMENT ARANDOMMENTS' REPAIR WATER SHOW-OF TREAT	. LOCATION OF WELL (Report loca	ation clearly and in accordance with a	ny State requirements.*	10. FIELD AND POOL, OR WILDCAT
S 11, T1S, R2W, U 4. PERMIT NO. 15. SLEVATIONS (Show whether DF, RT, GR, etc.) 12. COUNTY OR PARISH 18. A Duchesne Ut 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data Notice of Intention To: SUBSEQUENT REPORT OF:				11. BEC., T., B., M., OB BLK. AND
APPROVED BY DIVISION OF STATES APPROVED BY DATE STORY OF STATES APPROVED BY DIVISION OF STATE STORY OF STATES APPROVED BY DIVISION OF DATE APPROVED BY DIVISION OF STATES APPROVED BY DIVISION OF STATES APPROVED BY DIVISION OF STATES APPROVED BY DIVISION OF DATE APPROVED BY DIVISION DATE APPROVED BY DIVISIO	1758' FSL & 2060	O' FWL (NE4SW4)		BURVEY OR AREA
Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: TEST WATER SHUR-OFF PULL OR ALTER CASINO NULTIFLE COMPLETE ANDON'S REPAIR WELL SHOOT OR ACIDISE ANDON'S CHANGE PLANS (Other) (Other) T. DESCRIPE PROPOSED ON COMPLETED OPPRANTIONS (Clearly state all portioned details, and of the vertical depths for all markers and x ment to this work.) We plan to perforate the interval 14,304-13,360' with 2 shots/fit and acidize with 10,000 gals. 15% HCl and 10,000 gals 12% HCl - 3% HF. Flare for 48 hours after acidizing. APPROVED BY DIVISION OF CLEARLY STATE AND ALL STATE AND ALL STATE S	A			
NOTICE OF INTERIOR TO: THET WATER SHUT-OFF PULL OR ALTER CASING PARACURE TREAT ABANDON* FRACTURE TREAT ABANDON* REPAIR WELL CHANGE PLANS Clearly state all pertinent details, and give pertinent dates, including estimated date of at proposed work. If well is directionally drilled, give subsurface bocations and measured and true vertical depths for all markers and z ment to this work.)* We plan to perforate the interval 14,304-13,360' with 2 shots/ft and acidize with 10,000 gals. 15% HCl and 10,000 gals 12% HCl - 3% HF. Flare for 48 hours after acidizing. APPROVED BY DIVISION OF OUR SALE OF THE PROPOSED BY DIVISION OF THE PROPOSED BY DI	t. PERMIT NO.	1		
NOTICE OF INTENTION TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OS ACIDIZE SHOOT OS ACIDIZE SHOOT OS ACIDIZE SHOOT OS ACIDIZE (Other) T. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of at proposed work, if well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and this work, and the proposed work is well in a directionally drilled, give subsurface locations and measured and true vertical depths for all markers and the proposed work is well in a directionally drilled, give subsurface locations and measured and true vertical depths for all markers and the proposed work is well in a directionally drilled, give subsurface locations and measured and true vertical depths for all markers and the proposed work is well in a directionally drilled, give subsurface locations and measured and true vertical depths for all markers and the proposed work is well in a directionally drilled, give subsurface locations and measured and true vertical depths for all markers and the proposed work is well in a directionally drilled, give subsurface locations and measured and true vertical depths for all markers and true vertical	8. Chec	·k Appropriate Roy To Indicate	Nature of Notice Report or O	ther Data
FRACTURE TREAT SHOOT OR ACIDIZE REPAIR VEIL CHANGE PLANS CHANGE PLANS		•••		
SHOOT OR ACIDIZE REPAIR WELL (Other)	TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
REPAIR WELL (Other) CHANGE PLANS (Other) (Ot	⊢	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
(Other) (Ot	SHOOT OR ACIDIZE			ABANDONMENT*
DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of at proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and z nent to this work.) We plan to perforate the interval 14,304-13,360' with 2 shots/ft and acidize with 10,000 gals. 15% HCl and 10,000 gals 12% HCl - 3% HF. Flare for 48 hours after acidizing. APPROVED BY DIVISION OF OIL & GAS LO DERVALUATION OIL & GAS LO DERVALUATION OF OIL & GAS LO DERVALUATION OF OIL & GAS LO DERVALUATION OF OIL & GAS LO DERVALUATION	لـــــا	CHANGE PLANS		of multiple completion on Well
US65 2 JHD ' FILE ' PARTNERS Z BY Denifer A. Mishler SIGNEDIANNEL MARKET TITLE Engineering Assistant DATE 9-24-74	nent to this work.) *		cations and measured and true vertical	depths for all markers and zone
8. I hereby certify that the foregoing is true and correct SIGNED LINE Engineering Assistant DATE 9-24-74	we plan to perfo with 10,000 gals	orate the interval 14,3 s. 15% HCl and 10,000 g	cations and measured and true vertical $304-13,360^{\dagger}$ with 2 shots	depths for all markers and zone
SIGNED LITTLE Engineering Assistant DATE 9-24-74	we plan to perform with 10,000 gals after acidizing. STATE 3 US65 2 JHD (FILE (orate the interval 14,3 s. 15% HCl and 10,000 g	APPROVELOUS SUCKEY	D BY DIVISION OF
	we plan to perform with 10,000 gals after acidizing. STATE 3 US65 2 JHD (FILE (orate the interval 14,3 s. 15% HCl and 10,000 g	APPROVELOUS SUCKEY	D BY DIVISION OF
(19)	we plan to perform the perform to this work.)* We plan to perform the perform the perform to the perform to the perform the performance of the pe	orate the interval 14,3 s. 15% HCl and 10,000 g	APPROVER OUL & GA Jannifer A. Mishler	D BY DIVISION OF
(This space for Federal or State omce use)	we plan to perform the perform to this work.)* We plan to perform the perform the perform to the perform to the perform the performance of the pe	orate the interval 14,3 s. 15% HCl and 10,000 g	APPROVER OUL & GA Jannifer A. Mishler	D BY DIVISION OF

60'. EXXUP SHELL JHD USOS 2 Form OGCC-3

SUBMIT	IN	DUPLICATE
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STOTE 3	/ Y	STATE	OF UTA	H	SUBMIT IN	(See of	her in-			
1	OIL & GA	S CONSERV.			MISSION	structi reverse	ons on e side)	5. LEASE DES	GNATIO	N AND SERIAL NO.
WELL CON						D LOG	; *	6. IF INDIAN,	ALLOTI	TEE OR TRIBE NAME
1a. TYPE OF WELL		L X GAS WELL	DR		Other			7. UNIT AGREE	MENT	NAME
b. TYPE OF COMP	LETION:		DIFF.		THE			S. FARM OR L	EASE N	AME
WELL X	OVER L EN	BACK	RESV	R	Other			L. Bor		
2. NAME OF OPERATO	R Odl Com	pany - Wes	tern D	ivisi	าท			9. WELL NO.		
3. ADDRESS OF OPER		ipany – wes	LEIN D.					2-11A2		
P. O.	Box 599		r, Col		80201			10. FIELD AND		or wildcat Vasatch
4. LOCATION OF WELL		n clearly and in a & 2060' F				ite) *	1			BLOCK AND SURVEY
At top prod. inte	rval reported bel	ow								
At total depth	same							S 11, T	.S, I	R2W, USB&M
	same		14. PER	MIT NO.	Z = C ~ ~ DATE	ISSUED		12. COUNTY O	R	13. STATE
			130	13.5	0677			Duches	sne	Utah LEV. CASINGHEAD
15. DATE SPUDDED	16. DATE T.D. R	EACHED 17. DATE	COMPL. (Ready to	prod.) 18. ELE			T, GR, ETC.)*	19. EI	LEV. CASINGHEAD
1-14-74	4-26-7		5-28-7				5786	ROTARY TOOL	e -	CABLE TOOLS
20. TOTAL DEPTH, MD &	TVD 21. PLU	G, BACK T.D., MD &	TVD 22.	HOW MA	TIPLE COMPL.,	23. INTE	LED BY		.5	No
14,607		14,550	707701	NAME (M	D AND TVD) *		→	Yes	25.	WAS DIRECTIONAL
24. PRODUCING INTER	VAL(S), OF THIS	COMPLETION—TOP	, BOTTOM,	NAME (M	D AND IVD)					SURVEY MADE
										No
26. TYPE ELECTRIC A	ND OTHER LOGS	RUN							27. WA	S WELL CORED
BHC-GR &								}		No
28.		CASI	NG RECO	RD (Rep	ort all strings set	in well)				
CASING SIZE	WEIGHT, LB./	FT. DEPTH SE	T (MD)	ног	E SIZE	CEM	ENTING I	RECORD	.	AMOUNT PULLED
9-5/8	36#	2,	516		2-1/4		50 sx		-	
7	26#	11,	146		8-3/4	7	xa 00'		-	
									-	
						30.		UBING RECO	RD.	
29.		LINER RECORD	SACKS CE	MENTS.	SCREEN (MD)	SIZE		DEPTH SET (M	- -	PACKER SET (MD)
SIZE	TOP (MD)	14,605		SX	SCREEN (MD)	2-3/		10,930	-	10,930
5	10,971	14,005	430	JA		\	<u> </u>			
31. PERFORATION REC	ORD (Interval, si	ze and number)	<u> </u>		32. A	CID, SHOT,	FRACT	URE, CEMENT	SQUE	EEZE, ETC.
					DEPTH INTERV	AL (MD)	AM	OUNT AND KIN	OF M	ATERIAL USED
					13,197-14	,533	885	50 gal 12	% HC	1-3% HF
See attac	ched recor	d								
00.4				DPA	OUCTION					
33.* DATE FIRST PRODUCT	ION PROD	UCTION METHOD (Flowing, ge			type of pun	np)			(Producing or
			lowing					shu	t-in)	Producing
5-28-74 DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'I	. FOR	OIL—BÉL.	GAS-M	CF.	WATER-BBL	.	GAS-OIL BATIO
6-18-74	24	26/64	TEST	PERIOD	565	270)	0	ŀ	478
FLOW. TUBING PRESS.	CASING PRESSU		OIL—I	BBL.	GAS-MCF.		WATER-	BBL.	OIL GB	AVITY-API (CORR.)
250	_	24-HOOK KAI	-							41.0
34. DISPOSITION OF G	AS (Sold, used for	r fuel, vented, etc.						TEST WITNES		
Sold	AC W NIMO							J. H.	Dag	gett
35. LIST OF ATTACH										
36. I hereby certify	ing Record		nformation	is comr	lete and correct	as determin	ed from	all available r	ecords	
104	cab	1. 7000								8-21-74
SIGNED W	1 Marin	WINI	тг	rle J	A.Mishler,	Lngine	ering	ASS C		0-21-/4

NSTRUCTIONS

or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State laws and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Hem 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State for specific instructions.

Hem 18: It has well is completed for separate production from more than one interval zone (multiple completion), so state in item 24 show the producing interval. State laws and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, additional interval to be separately produced, showing the additional show the details of any multiple stage cementing and the location of the cementing tool.

Hem 35: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

None Note Note	SHOW ALL IMP DEPTH INTERVA	AL TESTED, CUSHION	USED, TIME TOOL OF	BHOW ALL IMPORTANT ZONES OF POROBITY AND CONTENTS THEREOF; CORED INTERFALS; AND ALL DRILL-STEM TESTS, INCLUDING Depth interval tested, cushion used, time tool open, plowing and shut-in pressures, and recoveries			
Main Pay 10,282 CP 90' 10,912 T/Red Beds 11,002 B/Red Beds 12,402 CP 232' 14,127 CP 248 14,595 TD 48	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TOI	
Main Pay 10,282 CP 90' 10,912 T/Red Beds 11,002 B/Red Beds 12,402 CP 200' 13,207 CP 232' 14,127 CP 248 14,595 TD 17					NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Main Pay 10,282 CP 90' 10,912 T/Red Beds 11,002 B/Red Beds 12,402 CP 200' 13,207 CP 232' 14,127 CP 248 14,595 TD 14,600							
Main Pay 10,282 CP 90' 10,912 I/Red Beds 11,002 B/Red Beds 12,402 CP 200' 13,207 CP 232' 14,127 CP 248 14,595 TD 14,600							
10,912 11,002 12,402 13,207 14,127 14,600		None			Main Pay	10,282	-4495
11,002 12,402 13,207 14,127 14,595 14,600					CP 90'	10,912	-5125
12,402 13,207 14,127 14,595 14,600					T/Red Beds	11,002	-5215
13,207 14,127 14,595 14,600					B/Red Beds	12,402	-6615
14,127 14,595 14,600					CP 200'	13,207	-7420
14,595					CP 232	14,127	-8340
					CP 248	14,595	-8808
					TD	14,600	
				-			

Perforating Record
L. Boren 2-11A2
Bluebell Field

The following zones were perforated w/2 shots/ft:

14,533, 14,485, 14,478, 14,474, 14,318, 14,315, 14,309, 14,188, 14,184, 13,976, 13,971, 13,966, 13,888, 13,884, 13,880, 13,700, 13,686, 13,666, 13,637, 13,631, 13,615, 13,601, 13,593, 13,586, 13,573, 13,568, 13,561, 13,551, 13,520, 13,505, 13,498, 13,485, 13,480, 13,456, 13,450, 13,445, 13,423, 13,415, 13,406, 13,402, 13,398, 13,394, 13,390, 13,384, 13,380, 13,376, 13,371, 13,367, 13,298, 13,292, 13,282, 13,272, 13,269, 13,264, 13,260, 13,248, 13,233, 13,227, 13,197

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
1588 West North Temple

REPORT OF WATER ENCOUNTERED DURING DRILLING

Salt Lake City, Utah 84116

Well Name and Number Chevron-Boren #2-11A2
Operator Chevron Oil Company-Western Division
Address P. O. Box 599, Denver, Colorado 80201
Contractor
Address
Location NE 1/4, SW 1/4, Sec. 11, T. 1 $\frac{1}{8}$., R. 2 $\frac{1}{8}$. Duchesne County.
Water Sands: Well drilled with fluid. No data recorded on fresh water section.
Depth: Volume: Quality: From - To - Flow Rate or Head - Fresh or Salty -
I
2.
3.
4.
5.
(Continue on Reverse Side if Necessary

Formation Tops:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (see back of this form)
 - (c) If a water quality analysis has been made of the above reported zone,

October 3, 1974

Chevron Oil Company Box 599 Denver, Colorado

Re: Well No's:

State Pickup 1-6B1E

Sec. 6, T. 2 S, R. 1 E,

Uintah County

L. Timothy 1-10B1

Sec. 10, T. 2 S, R. 1 W,

G. Murray 1-16B1

Sec. 16, T. 2 S, R. 1 W,

L. Boren 2-11A2

Sec. 11, T. 2 S, R. 2 W,

Duchesne County

Gentlemen:

This letter is to advise you that the electric and/or radioactivity logs for the above referred to wells are due and have not as yet been filed with this office.

In order to keep our files accurate and complete, it would be greatly appreciated if said logs were forwarded at your earliest convenience.

Thank you for your prompt attention to the above.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE WILCOX EXECUTIVE SECRETARY



Chevron Oil Company Western Division

Exxon Shell

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: L. BOREN #2-11A2

FIELD:

BLUEBELL

WELL LOCATION: SW4, Sec. 11, T1S, R2W Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

1-7-74	MIRT. New location: 1758' FSL & 2060' FWL of Section 11, T1S, R2W, USB&M, Duchesne County, Utah. Objective: 14,600' Wasatch Development Well.
1-8-74	MIRT.
1-9-74	RURT
1-10-74	RURT.
1-11-74	RURT
1-14-74	RURT
1-15-74	Drlg 700'. Spdd 11:00 AM 1-14-74. Elev 5786' KB.
1-16-74	1290' tripping. Twisted off first jt DP above DC's. GIH w/OS to fish.
1-17-74	1947' drlg. Rec fish & resumed drlg ahead.
1-18-74	2450' drlg.
1-21-74	2517' WO Hydrill. Cmtd 9-5/8" csg @ 2516' w/1650 sxs. WOC 12:15 AM 1-19-74. N/U & tested BOPE - Hydrill failed. WO new hydrill.
1-22-74	3020' drlg. N/U repaired Hydril, tested & drld out.
1-23-74	3740' drlg.
1-24-74	4214' tripping.
1-25-74	4560' drlg.
1-28-74	5375' drlg.
1-29-74	5690' drlg.
1-30-74	6035' drlg.
1-31-74	6210' drlg.
2-1-74	6510' drlg.
2-4-74	7100' circ kick. Incr MW 8.9# to 9.5#. Lost 200 BM. Prep to drl ahead



Chevron Sil Company Western Division

Exxon Shell

OPERATOR:

CHEVRON OIL COMPANY

L. BOREN #2-11A2 WELL. NAME:

FIELD:

BLUEBELL

SWZ, Sec. 11, T1S, R2W WELL LOCATION:

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

2-5-74 7250' drlg. 2-6-74 7480' drlg. 2-7-74 7635' drlg. 2-8-74 7815' drlg. 2-11-74 8290' drlg. 2-12-74 8500' drlg. 2-13-74 8740' drlg. 2-14-74 8858' drlg. 2-15-74 9070' drlg. 2-19-74 9610' drlg. 2-20-74 9775' drlg. 2-21-74 9855' drlg.

2-22-74 10,070' dr1g.

10,555' drlg. Lost 80 BM 10,245-290', 75 BM 10,350-365', 80 BM 10,410-440', 2-25-74 50 BM 10,490-510', 100 BM 10,530-555'.

10,639' tripping for new bit. Lost ± 200 BM @ 10,563-601'. 2-26-74

2-27-74 10,725' drlg.

10,832' drlg. Lost ± 200 BM 10,759-769'. 2-28-74

3-1-74 10,870' drlg.

11,142' drlg. Lost *5 BM @ 10,928-953' & ± 200 BM 11,125-142'. 3-4-74

3-5-74 11,146' Logging. Drld to 11,146' & cond hole. Lost add'1 100 BM Tripped & running logs.

11,146' prep to run csg. Ran logs. Made cond trip w/bit. L/D DP & DC's. R/U 3-6-74 to run 7 csg.



Chevron Oil Company Western Division

Exxon Shell

OPERATOR:

CHEVRON OIL COMPANY

WELL NAME: L. BOREN #2-11A2

FIELD:

BLUEBELL

12,632' drlg.

3-29-74

WELL LOCATION: SW4, Sec. 11, T1S, R2W

Duchesne County, Utah

CONTRACTOR: R. L. MANNING

DAILY DRILLING REPORT

DAILY DRILLING REPORT		
3-7-74	11,164' N/D BOPE. Cmtd 7" csg @ 11,146' w/700 sx. WOC 12:30 AM 3-7-74. Dropped slips, landed & cutoff. Now N/D BOPE.	
3-8-74	11,146' prep to test BOPE. N/D 10" BOPE, installed TH & N/U 6" BOPE. Prep to test.	
3-11-74	11,171' drlg. Tested BOPE to 5000 psi. P/U BHA & 3-1/2" DP. DO to 11,151' & tested around csg shoe to 15.5# MW equip. Tripped & rec considerable junk. WBIH w/another MT bit & drld to 11,164'. Tripped & again rec considerable junk. Reran another MT bit. Drlg & cleaning up junk.	
3-12-74	11,180' trip for dia. bit.	
3-13-74	11,230' drlg.	
3-14-74	11,353' drlg.	
3-15-74	11,472' drlg.	
3-18-74	11,828' drlg.	
3-19-74	11,892' trip for bit.	
3-20-74	11,944 changing out kelly.	
3-21-74	12,015' drlg.	
3-22-74	12,085' drlg.	
3-25-74	12,350' drlg.	
3-26-74	12,425' drlg.	
3-27-74	12,479' drlg.	
3-28-74	12,557' drlg.	



4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

August 27, 1984

Chevron U.S.A. Incorporated P.O. Box 599 Denver, Colorado 80201

Gentlemen:

Re: Well No. L. Boren - Sec. 11, T. 1S., R. 2W.-Duchesne County, Utah - API #43-013-30277

According to our records, a "Sundry Notice of Shooting and Acidizing" filed with this office November 16, 1983, on the above referred to well, indicates the following electric logs were run: Carbon/Oxygen, Neutron-Lifetime, Spectralog, and BHC Acoustic Log. As of todays date, this office has not received these logs.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Kesbectiniih

Claudia Jones

Well Records Specialist

clj

cc: D. R. Nielson

R. J. Firth

J. R. Baza

File

89260



4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 23, 1984

Chevron USA Incorporated P.O. Box 599 Denver, Colorado 80201

2nd NOTICE

Gentlemen:

Re: Well No. L. Boren - Sec. 11, T. 1S., R. 2W. Duchesne County, Utah - API #43-013-30277

According to our records, a "Sundry Notice of shooting and Acidizing" filed with this office November 16, 1983, on the above referred to well, indicated the following electric logs were run: Carbon/Oxygen, Neutron-Lifetime, Spectralog, and BHC Acoustic Log. As of today's date, this office has not received these logs.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Thank you for your prompt attention to the above matter.

Respectfully,

Norman C. Stout

Administrative Assistant

cli

cc: Dianne R. Nielson Ronald J. Firth John R. Baza File 00000010/10

October 30, 1984

L. Boren Section 11, T1S, R2W Duchesne County, Utah

Mr. Norman C. Stout State of Utah Natural Resources 4241 State Office Building Salt Lake City, Utah 84114

Dear Mr. Stout:

Enclosed are the logs you requested for the L. Boren well. The logs requested are Carbon/Oxygen, Neutron-Lifetime Spectralog, and BHC Acoustic \log .

If you have any questions, please call me at (303) 691-7200.

Very truly yours,

Erin M. Leonard Area Production Assistant

EML:s1 Enclosure

This request was received on 11-2-8, 1984.

Chevron U.S.A. Wells Sold to Proven Properties Inc., P.O. Box 2049, Houston, Texas 77252-2049, Effective December 1, 1985

Entity No.	Well Name
05255	SP-H-U Tribal 2-24Z3
05256	SP-H-U Tribal 4-36Z3
05270	Owen Anderson 1-28A2
05275	Black Jack Ute 1-14-2D
05280	Blue Bench Ute 1
05285	Ute Tribal 1-6B2
05295	Campbell Ute St. 1-7B1
05300	Campbell Ute 1-12B2
05305	Cheney 1-33A2
05306	Cheney #2-33-A2
05320	Duchesne County Snider 1-9C4
05325	Duch Co 1-17C4
05330	Duch Co Tribal U 1
05335	Evans Ute 1-17B3
05336	Evans Ute #2-17-B3
05340	Fortune Ute Fed1-11C5
05345	Freston St 1-8B1
05350	Geritz Mur 1-6C4
05360	Hamblin 1-26A2
05361	Hamblin 2-26-A2
05370	J Robertsn Ute 1-1B1

Entity No.	Well Name
05810	State 3-18A1
05815	R G Dye U-1-29A1
05820	Summerell E U 1-30A1
05825	L L Pack 1-33A1
05835	Mobilute Trbl 11-6A2
05836	Ute Tribal #2-7A2
05840	Doug Brown 1-4A2
05845	Lamicq-Urty U 4-5A2
05850	Mobil-Ute Trl 1-7A2
05855	Lamicq-Urty 2-A2
05860	Ut St U 1-10A2
05865	Sprgfld M/B/U 1-10A2
05870 /s 2w 11	L Boren U 2-11A2 430/E 3 2 7 7 3 6 2 7 4
05875	Norman Knd/ U 1-12A2
05876	Clyde Murray 1 (2-2C)
05877	Blanchard Fee 1-3A2
05878	Utah State 1
05880	Olsen U 1-12A2
05885	Fly/Dia 1 Boren 1 (2-14C)
05890	Ute Tribal 3-18A2
05895	Ute Tribal 4-19A2
05900	L Boren U 5-22A2
05905	L Boren U 4-23A2
05910	Ute Tribal 5-30A2
05915	Ute Allotted 2-18A3

Entity No.	Well Name
05375	Rachel Jensen 1-16C5
05385	John 1-3B2
05387	John 2-3-B2
05390	Verl Johnson 1
05400	Lamicq 1-20A2
05405	J Lamicq St. 1-6B-1
05410	L Rbrtsn St 1-1B2
05412	Lamicq-Robertson State #2-1-B2
05415	Lamicq Ute 1-5B2
05425	McElprang 1-31A1
05430	Marguerite Ute 1-8B2
05435	May Ute Fed 1-13B1
05440	Moon Tribal 1-30C4
05450	Mortensen 1-32A2
05452	Mortensen 2-32-A2
05455	Phillips Ute 1-3C5
05460	Reese Estate 1-10B2
05465	Robertson 1-29A2
05470	Robertson Ute 1-2-B2
05472	Robertson Ute 2-2-B2
05475	Rbrtsn Ute St 1-12B1
05480	Saleratus W/U 1-7C5
05485	Shrine Hspt1 1-10C5
05490	Smith Albert 1-8C5
05495	Smith Albert 2-8C5

Entity No.	Well Name
05500	Smith Broadhead 1-9C5
05505	Smith David Ute 1-6C5
05510	Smith Joseph 1-17C5
05515	Smith Ute 1-18C5
05520	St Lnd Brd Ute 1-35A1
05525	Taylor Maurel 1
05530	Todd USA St 1-2B1
05535	Tomlinson Fed 1
05540	Unta Ouray Trbl 1-1A3
05545	Urrutz 1-34A2
05550	Ut St Fed 1-24B1
05555	Ut St L/B 1-11B1
05560	Ute 1-2A3
05565	Ute 1-2C5
05575	Ute 1-4A3
05580	Ute 1-5C5
05585	Ute 1-10A3
05590	Ute 1-20Z2
05605	Ute Tribal 1-13B3
05610	Ute Tribal 1-21Z2
05620	Ute County 1-20C4
05645	Voda Jsphine 1-19C5
05650	Voda Jsphine 2-19C5
05655	Voda Ute 1-4C5
05665	Woodward Fed 1-21A2

Entity No.	Well Name
05666	Dillman 2-28A2
05675	C R Ames 1-23A4
05695	St U 1-7B1E
05700	Ute Tribal U 6-7B3
05705	Ute Tribal 1-6B3
05710	Lyn Timothy U 1-10B1
05715	Ute Tribal 9-4B1
05720	E Bennion U 1-25A4
05725	B Hartman U 1-31A3
05730	Ute Tribal 7-24A3
05735	Ute Tribal U 2-12A3
05740	L Boren U 1-24A2
05745	Lamicq-Urty U 3-17A2
05750	L Boren U-6-16A2
05755	L Boren U 3-15A2
05760	Virgil B Mecham U 1
05765	St Unit 2-35A2
05770	Harmston U 1-32A1
05775	WH Blanchard 2-3A2
05780	Walker V. Brown #1
05785	Ute Allotted U 1-36Z2
05790	T Horrocks 1-6A1
05795	Joseph Yack U 1-7A1
05800	Curtis Bastian 1-7A1
05805	Chsl-Fly-Dia 1-18A1

Entity No.	Well Name
05920	P. Bekstd U 1-30A3
05925	Ute Tribal 10-13A4
05930	Karl Shisler U 1-3B1
05935	C. B. Hatch 1-5B1
05940	Norling St. U 1-9B1
05945	H.G. Coltharp 1-15B1
05950	George Murray 1-16B1
05960	E.H. Buzz U 1-11B2
05965	D.L. Galloway 1-14B2
05970	State Pickup 1-6B1E
05975	Mobil-Lami. Ur 1-8A2
09895	Rachel Jensen 2-16C5

Entity No.	Well Name			
05810	State 3-18A1			
05815	R G Dye U-1-29A1			
05820	Summerell E U 1-30A1			
05 825	L L Pack 1-33A1			
05835	Mobilute Trbl 11-6A2			
05836	Ute Tribal #2-7A2			
05840	Doug Brown 1-4A2			
05847	Lamicq-Urty U 4-5A2			
05850	Mobil-Ute Trl 1-7A2			
05855	Lamicq-Urty 2-A2			
05360	Ut 3t U 1-10A2			
05865	Sprgild M/B/U 1-10A2			
05870	L Boren U 2-11A2 ノン. 24. //			
05875	Norman Knd/ U 1-12A2			
05876	Clyde Murray 1 (2-2C)			
05877	Blanchard Fee 1-3A2			
05873	Utah State 1			
05880	Olsen U 1-12A2			
05 385	Fly/Dia I Boren 1 (2-14C)			
05 390	Ute Tribal 0-13A2			
05395	Ute Tribal 4-19A2			
05900 -	5 Boren U 5-12A2			
33903	L Boren T 4-20AB			
98910	Uta Iribai 3-30A2			
1521j	Uta Allomad 1-13A3			



UFINE

420 19₀₃

KENNETH R. HUDDLESTON President

January 13, 1986

DIVISION OF U.

Division of Oil, Gas and Mining State of Utah 3 Triad Center, Suite 350 355 West North Temple Salt Lake City, Utah 84180-1203

Fe: Change of Operator Bluebell-Altamont Fields,

Duchesne and Uintah Counties, Utah

Gentlemen:

Heretofore on December 26, 1985, Chevron U.S.A. Inc. advised you concerning properties sold by Chevror U.S.A. to Proven Properties, Inc. and informed you by telephone of change of operator with respect thereto.

This will confirm the advice given to you by Chevron U.S.A. Inc. Attached hereto is the same list of wells furnished to you by Chevron U.S.A. which is marked Exhibit "A" and by this reference made a part hereof. Proven Properties, Inc. is now the operator of the wells described in the attached schedule, however, Pennzoil Company will be operating said properties as agent for Proven Properties, Inc.

We will promptly report to you in writing any change of address and any termination of our operator's authority including any designation of a new operator. However, the designation of Proven Properties, Inc. as operator shall remain in full force and effect until and unless a new designation of operator is filed in accordance with the Utah statutes and the rules and regulations and rules of practice and procedure of the Division of Oil, Gas and Mining of the State of Utah.

If there are any additional reports or any additional information which you would wish to have, kindly call Kevin Cunningham at 713-546-8768.

Yours very truly,

THE ROND IS UNDER THE PENNZOIL
NAME, AND THEREFORE PENNZOIL IS
SHOWN AS OPERATOR ON UDOGM
RECORDS.

PROVEN PROPERTIES, INC.

John 6-25-86

Kenneth R. Huddleston, President



MAY 1 4 1987
DIV. OIL, GAS, MINING

May 12, 1987

Utah Division of Oil & Gas Mining 355 W. North Temple Salt Lake City, UT 84180 Attn: John Boza

RE: Boren 2-11A2 T1N,R2W,Sec 11 Duchesne County, Utah Gas Blowout

Gentlemen:

The following should bring you up to date regarding the events surrounding the blowout of the Boren 2-11A2 and the subsequent actions that Pennzoil intends to take.

The Boren 2-11A2 had been a marginal Wasatch producer (20-25 BOPD, 80-100 BWPD, 20-25 MCFPD) with a parallel return hydraulic pump installation. This well is a 'remote' location that produces to a battery, common to several other wells. The flowline from the 7" annulus was connected to the flowline from the 2-1/16" production stream and then flows to the common battery.

At approximately 9:30 pm on May 9, 1987, sufficient gas pressure existed in the system to rupture the disk in the treater at the common battery and to rupture the flowline from the Boren 2-11A2 well (it is unknown which event occurred first). Subsequently the 7" casing and tubing spool developed a rupture in the body.

Field personnel arrived on location at approximately 10:00 pm and inspected the situation. Their field supervisors and field engineers were informed and an engineer traveled to location to inspect the damage. Pennzoil Management and the local Sheriffs department were then notified. Arrangements were then made to get Boots and Coots involved in an operation to control the well. Appropriate governmental authorities were notified, and local residents in the vicinity of the well were notified and evacuated.



Boots and Coots, and Pennzoil then arranged for various tests to determine the content of the gas emitting from the well (content determined to be primarily methane and water). An inspection of the wellhead and tubing along with some tests indicated that the two strings of tubing were not intact (possibly cut out by the gas stream).

After this assessment was made, partners were contacted to inform them of the problem and Pennzoil's plans to rectify the problem. The basic plan is as follows:

o Remove all wellhead equipment above the 9-5/8" casing head.

o Install a 7" casing head with chokes, BOP's with 2 sets of Blind rams, and a spool with dual valves.

o Connect well into a seperator and then the gas production system

and produce at capacity.

- o Continue producing the well until sufficient pressure depletion has ocurred to allow safe re-entry to fish the existing tubing and downhole equipment from the wellbore.
- o Determine zone producing gas and the condition of the wellbore.
- o Repair wellbore and place the well back into normal production.

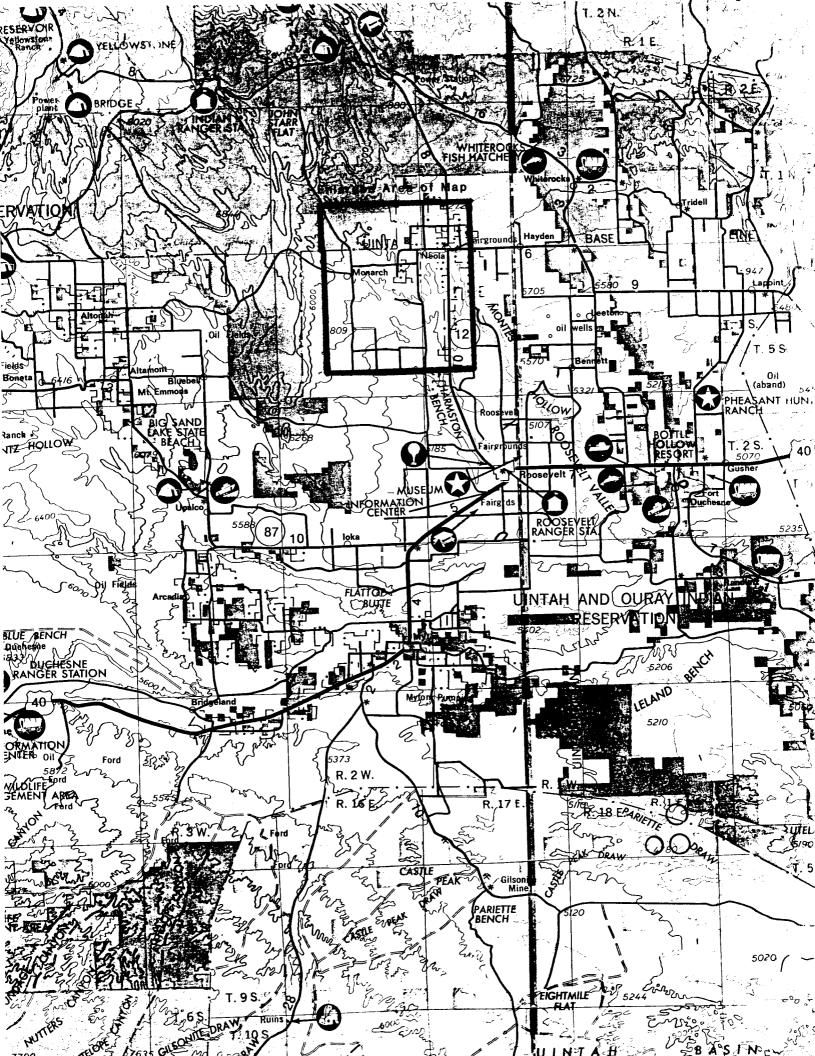
Pennzoil will keep you informed as significant events occur. If you need additional information or have questions, please fee? free to call me at 713/546-8409.

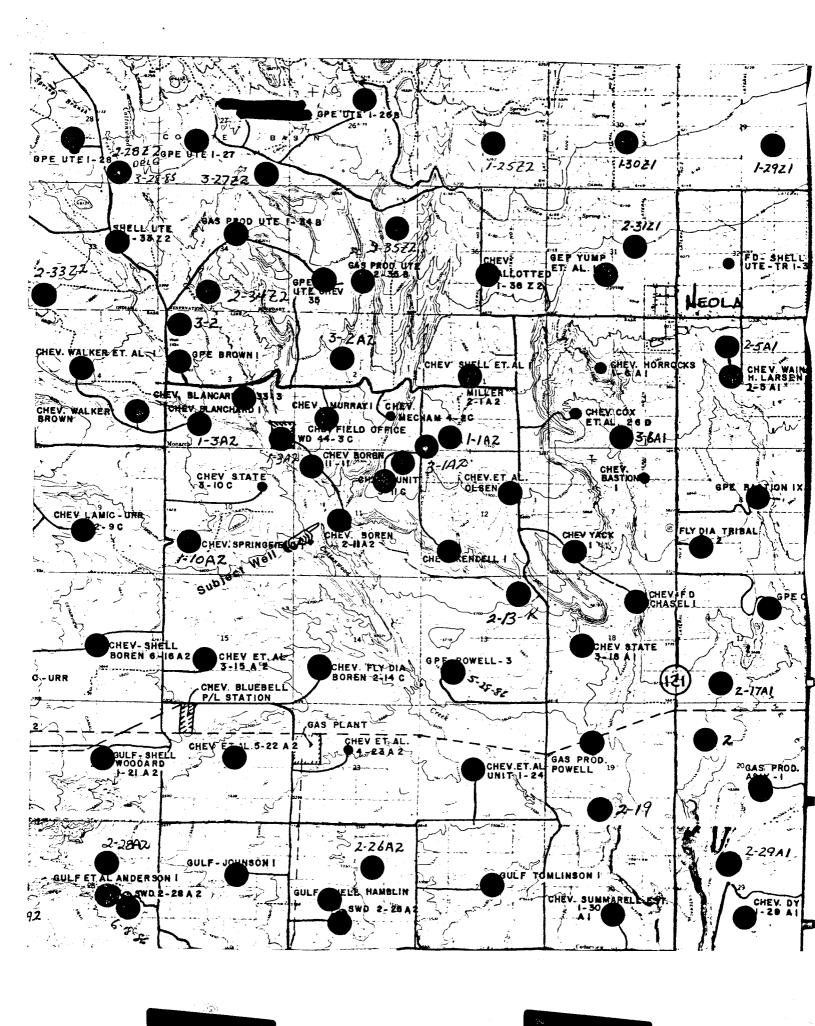
Sincerely,

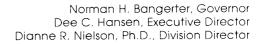
PENNZOIL COMPANY

David R. Hardy District Engineer

DRH/cmf 017DRH









355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 18, 1987

072311

MEMO TO WELL FILE

From: Jim Thompson, John Baza

Re: Borer

Boren Well No. 2-11A2, Sec. 11, T. 15, R. 2W,

Duchesne County, Utah

This memorandum present a daily account of an uncontrolled leak of gas from the referenced well.

May 9, 1987:

9:30 pm - Leak of natural gas began at Boren 2-11A2 well. Safety disk in production treater and flow line ruptured. Subsequently, the 7" casing and tubing spool developed a rupture in the body.

May 10, 1987:

8:00 am - Pennzoil attempts to notify DOGM at Salt Lake City office number. Upon receiving no answer, they discontinue attempt.

5:45 pm - Dianne Nielson calls JRB concerning a television news report on a natural gas well blowout near Neola. The name of the company or the well is not known.

6:15 pm - JRB contacts KSL-TV to obtain details of news report. They do not have much information except that the operator is Pennzoil. JRB attempts to contact Duchesne County sheriff's office - no answer. Decides to wait to contact Pennzoil until the next morning.

May 11, 1987:

8:10 am - JRB contacts Pennzoil office in Roosevelt and speaks with Don Lankford. Receives first official notice of emergency. They are monitoring gas and have evacuated nearby residents until more information on gas composition is known. Initial indications are that the gas is not a hydrocarbon and is possibly nitrogen or carbon dioxide. Mr. Lankford describes the sequence of events as explained in Pennzoil letter to DOGM dated May 12, 1987. JLT will travel to Roosevelt and monitor situation firsthand.

Page 2 Boren 2-11A2 Well File Memo May 18, 1987

1:30 pm - JLT arrives at well site. Observes blowout and well condition. Faucett Construction has enlarged location and built a pit along the south side of the location to control any possible spills. They have dug a hole around the wellhead to expose the casing, and it was found that the well is leaking around the casing flange and not the surface casing. Fluids and gas readings are being taken hourly by Public Safety personnel.

4:30 pm - JRB attempts to contact Don Lankford again for a status report. He is unavailable but one of the Pennzoil office staff in Roosevelt reports that the situation is unchanged.

May 12, 1987

8:30 am - JLT arrives at well site and meets with George SanFilippo, Production Manager for Pennzoil. He is unaware that DOGM is not being kept up to date of the situation. He indicates that this will be corrected immediately and that Mr. Baza will be contacted daily by the Houston office. He states that gas concentration is 98.8 percent methane and the liquid is 35,000 ppm saline. There is also a possibility that the leaking is coming from the formation @ 7,000 ft., but he is not certain. are two strings of tubing in the hole with the possibility that one or both may be severed. Mr. SanFilippo also speculates that the 7-5/8" casing may be parted down hole. All the residents living south of the location have been evacuated this morning at 7:30 am because of high concentration of methane gas that had settled in the low-lying areas Also spoke with the during the night. representatives from Boots/Coots Fire Fighters (B&C). They state that the blowout preventer (BOP) assembly is being trucked from Houston today and will be tested in Vernal on May 13th. Everyone leaves location and the remainder of the day is to be spent building clamps for the wellhead and assembling the needed equipment to remove the wellhead. The wellhead will be removed May 13th and BOP's set in place on May 14th.

10:30 am - David Hardy of Pennzoil's Houston office contacts JRB and provides a full report of events up to this time. Indicates that new gas analysis shows hydrocarbon composition. Pennzoil proposes to control well by replacing damaged wellhead equipment. They do not want to shut in flow because they do not know integrity of well downhole.

Page 3 Boren 2-11A2 Well File Memo May 18, 1987

May 13, 1987

7:15 am - JLT arrives at the well site. A crane is moved on site and Oil Well Perforators (OWP) rigs up tool to cut tubing in the well. The wellhead is rechecked and it is found that there is only one string of tubing remaining in the head. B&C places two special clamps on either side of the wellhead and starts to remove the bolts in the casing flange. A wire line cable is layed out and attached to a tractor to help stabilize the wellhead upon removal. OWP shoots off remaining tubing in the wellhead. B&C rigs up a wireline sling around the wellhead and removes the wellhead, exposing the casing stub and the bottom flange.

11:00 am - The wellhead is removed and crews begin rigging down. Pennzoil then begins constructing a pipeline to the flare pit. BOP will be set @ 7:30 am, May 15th.

May 14, 1987

7:15 am - JLT arrives at Pennzoil field office. There is a delay on the job because a 4" valve on the BOP did not test adequately and it is being replaced in Vernal.

11:00 am - BOP's and accumulators arrive at well site. BOP's are 11" and 5000# test.

12:00 noon - Set BOP stack and bolt to the well. Accumulator lines are hooked to the BOP and 6" line is attached to the flare pit.

1:25 pm - Open 6" valve and close top blind ram on the BOP. Gas ignites immediately. Pennzoil will finish bringing in production and monitoring equipment.

2:05 pm - David Hardy informs DOGM that the well is capped and producing to a flare. Pennzoil plans to produce the well to a plant and continue production until well pressures decline.

May 15, 1987

8:00 am - JLT returns to well site. Choke manifold is installed and wellhead attached to the BOP. Gas charts are installed and to monitor gas from the wellhead. JLT leaves location and returns to Salt Lake office.



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut 84180-1203. • (801-538-5340)

Page 10 of 12

PENNZOLL EXPLOR & PROPRIED POSON PROPRIED TX ATTN: WILBURN LUNA	0-60 P. 77252 Mart,	2967 	oil Company)i/son	Utah Account No. – Report Period (Mon Amended Report	nth/Year) <u>6 / 8</u>
ell Name	Producing		oduction Volume	10 (2005)	Water (BBL)
PI Number Entity Location	Zone	Oper Oi	I (BBL)	Gas (MSCF)	Water (BOC)
E TRIBAL #2-7A2 01331009 05836 018 02W 7	WSTC	11	75	7	3
DUG BROWN 1-4A2 301330017 05840 01S 02W 4	WSTC	28	1287	864	271
MICQ-URTY U 4-5A2 301330347 05845 018 02W 5	WSTC	30	5147	2501	4673
OBIL-UTE TRBL 1-7A2 301330025 05850 018 02W 7	WSTC	28	536	79	-0
AMICO-URTY U 2-9A2	WSTC	30	1825	2229	1458
TATE 1-10A2 (3-10C)	GRRV	Ð	**	~	0
301330006 05860 018 02W 10 PRGFLD M/B/U1-10A2	WSTC	30	1439	493	37.0
301330012 05865 01S 02W 10 BOREN U 2-11A2		+	156	179 793	3960
301330277 05870 01S 02W 11 KENDALL 1-12A2	WSTC	29	739	2785	1163
301330013 05875 01S 02W 12 LYDE MURRAY 1-2A2	WSTC	30			0
301330005 05876 01S 02W 2	WSTC	0	- 4		
LANCHARD FEE 1-3A2 301320316 05877 018 02W 3	WSTC	30	609	384	1779
LSEN U 1-12A2 301330031 05880 01S 02W 12	GRRV	0		-8	•
LY/DIA L. BOREN 1-14A2 301330035 05885 018 02W 14	WSTC	30	8623	/2675	11216
301330033 03003		TOTAL	2043b	201810	24900



PENNZOIL PLACE • P. O. BOX 2967 • HOUSTON, TEXAS 77252-2967 • (713) 546-4000

RECEIVEB3

AUG 4 1987

DIVISION OF OIL GAS & MINING

July 30, 1987

Utah Natural Resources
Division of Oil, Gas, & Mining
Attn: Tammy Searing
355 Triad Center, Suite #350
Salt Lake City, Utah 84180-1203

Ms. Searing:

This letter is to confirm our telephone conversation of July 30, 1987, regarding the name change from Pennzoil Exploration & Production Co. to Pennzoil Company.

Please change your records to reflect this name change effective August 1, 1987.

Your contact for drilling operations will continue to be Will Luna at our Neola office. The contact for the monthly production reports will be myself at our Houston address. All affected properties, except the drilling activity, are listed on the attached production report for June, 1987. The bonding is in the name of Pennzoil Company.

This is a change in name only, the company and personnel have remained the same. If you need additional information, please call me at (713)-546-8104.

Sincerely,

Martin Wilson

Onshore Accounting

mh/dcw



355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

081114

August 7, 1987

TO:

File

FROM:

Dianne R. Nielson, Director

RE:

Boren No. 2-11A2 Well

- 1. Mr. J. R. Baza, Petroleum Engineer, was informed by a telephone communication on or about May 11, 1987, that Pennzoil Company was venting natural gas from the Boren No. 2-11A2 well. Pennzoil advised that such action was occurring due to a rupture of the wellhead equipment on May 9, 1987, which allowed the uncontrolled release of natural gas from the well.
- 2. Mr. Baza was further informed by a telephone communication on May 22, 1987, that Pennzoil had successfully replaced the damaged wellhead equipment and discontinued the venting of natural gas from the well on or about May 18, 1987.
- The Director considers that Pennzoil operated prudently during this emergency situation, and the action taken to maintain the venting of the natural gas so as to avoid shutting in the well, which may have caused irreparable damage to the well bore, the subsurface resources, and other surface equipment, was appropriate and necessary. Also, Pennzoil exercised due diligence in taking the necessary measures and actions to control the venting of natural gas in accordance with accepted oil field practices, and in a manner that ensured public health and safety.

bjh 0242T/72



355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

081114

August 7, 1987

TO:

File

FROM:

Dianne R. Nielson, Director

RE:

Boren No. 2-11A2 Well

ROUTE SYL TO

POW

- 1. Mr. J. R. Baza, Petroleum Engineer, was informed by a telephone communication on or about May 11, 1987, that Pennzoil Company was venting natural gas from the Boren No. 2-11A2 well. Pennzoil advised that such action was occurring due to a rupture of the wellhead equipment on May 9, 1987, which allowed the uncontrolled release of natural gas from the well.
- 2. Mr. Baza was further informed by a telephone communication on May 22, 1987, that Pennzoil had successfully replaced the damaged wellhead equipment and discontinued the venting of natural gas from the well on or about May 18, 1987.
- The Director considers that Pennzoil operated prudently during this emergency situation, and the action taken to maintain the venting of the natural gas so as to avoid shutting in the well, which may have caused irreparable damage to the well bore, the subsurface resources, and other surface equipment, was appropriate and necessary. Also, Pennzoil exercised due diligence in taking the necessary measures and actions to control the venting of natural gas in accordance with accepted oil field practices, and in a manner that ensured public health and safety.

bjh 0242T/72

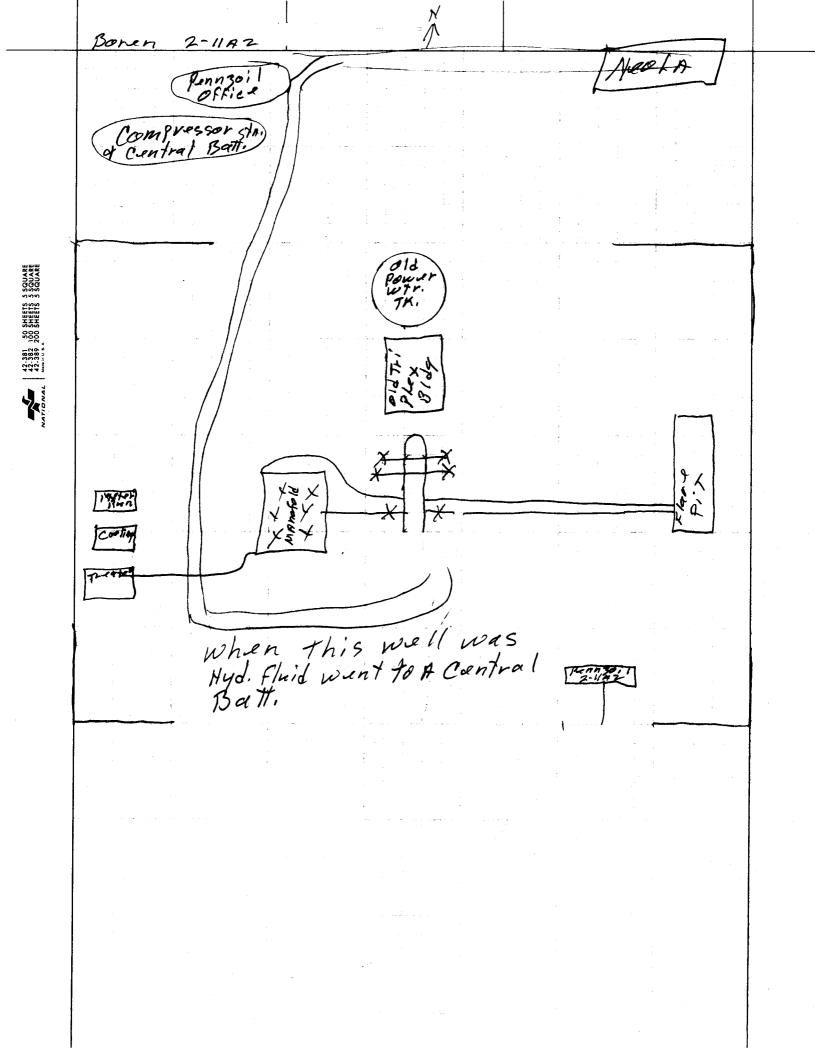
STATE OF UTAH

JUN	13	1988
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	MENT OF NATURAL RESO ON OF OIL, GAS, AND MI	NING DIVISION OF	5. LEASE DESIGNATION	
	ICES AND REPORTS (lais to drill or to deepen or plug to ATION FOR PERMIT—" for such p		NG 6. IF INDIAN, ALLOTTE	N OR TRIBS NAME
OIL C GAS			7. UNIT AGREEMENT NA	EMA
WELL WELL OTHER			S. PARM OR LEASE NAME	
Pennzoil	Company Utah Acct.	# N0705	See Attache	ed List
	2967 Houston, TX		9. WELL NO.	
LOCATION OF WELL (Report location & See also space 17 below.) At surface See Attach	ed List of Wells	State requirements.*	Rluchell/ 11. ssc., T., R., M., OR I	Altamont_
API NUMBER	15. BLEVATIONS (Show whether DF	, NT, CR, etc.)	Duchesne &	18. STATE Utah
6. Check Ap	propriate Box To Indicate N	lature of Notice, Report, o		
NOTICE OF INTENT	: OT KOI	SUBA	HEQUENT REPORT OF:	
FRACTURE TREAT SHOOT OR ACIDIZE	PULL OB ALTER CASING AULTIPLE COMPLETE ABANDON* THANGE PLANS DE Change	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) (NOTE: Report Fee	ALTERING C. ABANDONME. uits of multiple completion mpietion Report and Log for	ARING NT*
	or name from Pennzo ny, effective June 1	il Company to Pennz 1, 1988.	zoil Exploration	
			OIL AND GAS	
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8. I hereby certify that the foregoing is	/ 1 //			
SIGNED / Wry D. Jan	klippo TITLE West	tern Div. Productio	on Mgr. DATE G	-9-88
(This space for Federal or State office	ce use)			
APPROVED BY	NY:		DATE	

SUNDRY NOTICE OF NAT HANGE EXHIBIT A

ENTITY NUMBER	LEASE NAME	LEGAL DESC.	API #	REMARKS	
5780	VIC BROWN 1-4A2	1S 2W 4	4301330011		
`5785	UTE ALOTTED 1-36Z2	IN 2W 36	4301330307	•	× 1
` 5790	HORROCKS 1-6A1	1S 1W 6	4301330390		53
5795	J YACK 1-7A1	1S 1W 7	4301330018		
5800	BASTAIN FEE #1	1S 1W 7	4301330026		
` 5805	CHASEL FLY DIAMOND 1-18A1	1S 1W 18	4301330030	•	
` 5810	STATE 3-18A1	1S 1W 18	4301330369		
5815	RG DYE 1-29A1	1S 1W 29	4301330271	WSTC -	
` 5820	SUMMERALL 1-30 A1	1S 1W 30	4301330250		
` 5825	LL PACK 1-33Al	1S 1W 33	4301330261		
\ 5835	UTE 11-6A2	1S 2W 6	4301330381		
\^5836	UTE 2-7A2	1S 2W 7	4301331009		
`5840	DOUG BROWN 1-4A2	1S 2W 4	4301330017		
` 5845	LAMICQ URRUTY 4-5A2	1S 2W 5	4301330347		
` 5850	UTE 1-7A2	1S 2W 7	4301330025		•
` 5855	LAMICQ URRUTY 2-9A2	1S 2W 9	4301330046	GRIV	
\5860	STATE 1-10A2	1S 2W 10	4301330006		
5865	SPRGFIELD M/BK 1-10A2	1S 2W 10	4301330012		
`5870	L. BOREN 2-11A2	1S 2W 11	4301330277	•	
5875	KENDALL 1-12A2	1S 2W 12	4301330013		
5876	CLYDE MURRAY 1-2A2	1S 2W 2	4301330005		
5877	BLANCHARD 1-3A2	1S 2W 3	4301320316	GRRV	
5880	OLSEN 1-12A2	1S 2W 12	4301330031		
5885	L.BOREN 1-14A2	1S 2W 14	4301330035	GERV	
5890	UTE 3-18A2	1S 2W 18	4301330125		
5895	UTE TRIBAL 4-19A2	1S 2W 19	4301330147		
5900	L. BOREN 5-22A2	1S 2W 22	4301330107		
`5905	L. BOREN 4-23A2	1S 2W 23	4301330115		
\5910 .\5920	UTE TRIBAL 5-30A2	1S 2W 30	4301330169	WST C -	
5925	BECKSTEAD 1-30A3	1S 3W 30	4301330070	WSTCV	
5930	UTE TRIBAL 10-13A4	1S 4W 13	4301330301		
\5935	KARL SHISLER 1-3B1	2S 1W 3	4301330249		
`5940	C B HATCH 1-5B1 NORLING 1-9B1	2S 1W 5	4301330226		
5945	H.G. COLTHARP 1-15B1	2S 1W 9	4301330315		
5950	GEORGE MURRAY 1-16B1	2S 1W 15	4301330359		
\$5960	EH BUZZI 1-11B2	2S 1W 16	4301330297	12-12	
5965	DL GALLOWAY 1-14B2	2S 2W 11 2S 2W 14	4301330248	WSICE	
5970	STATE PICKUP 1-6B1E	2S 1E 6	4301330564	NOTO	
5975	LAMICQ URRUTY 1-8A2	1S 2W 8	4304730169 4301330036	WSTCL	
9770	SMITH 1-14C5	3S 5W 14	4301330980		
9895	RACHEL JENSEN 2-16C5	3S 5W 16	4301330912		
10452	LAKEFORK 2-13B4	2S 4W 13	4301331134		
10615	HATCH 2-3B1	2S 1W 3	4301331147		
10616	NORLING 2-9B1	2S 1W 9	4301331151		
10679	ROBERTSON 2-29A2	1S 2W 29	4301331150		
10753	SHAW 2-27A2	1S 2W 27	4707771194		
\10764	LAMICQ URRUTY 4-17A2	1S 2W 17	4301331190	Dulg . WITC Conf.	
`10785		1S 2W 11	4301331192	10 11 11 11 11 11	
\10794	LAMICQ 2-20A2	1S 2W 20	4301331191	11 11 11 000	
	FRESTON 2-8B1	2S 1W 8	43013 9 1203	CURRENTLY BEING DRILLED	43-013-31203
· · · · · · · · · · · · · · · · · · ·	SALERATUS WASH 1=17C5 SWD	3S-5W-17	4301399998	SALT WATER DISPOSAL WELL	43-013-30388-CPRU
,	VANDERSON 2-28A2 SWD	1S 2W 28	430439999 2	SALT WATER DISPOSAL WELL	
					43-013-30346 UNTA



PRACTURE TREAT

REPAIR WELL

SUBMIT IN TRIPLE ATT (Other metric from one

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DEPARTMENT NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			S. LEADE DECIDE ATION AND DESIAL DO	
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on one		KE PROPERTY E	7. 584 200	
Pennzoil Exploration and	_	300 2 8 1988	Boren	
P.O. Box 2967, Houston	TX 77252	DIVISION OF OIL, GAS & MINING	2-11A2	
Location of watt (Report location of the also open 17 below.) At current 1758' FSL and 2060' FWL	learly and in absortance with an	y State requirements.	Bluebell/I	
1/36 FSL and 2000 FWL	IL Suramens (Show whether	07. 27. 24. CAL)	Sec 11;T1:	
43-013-30277	5786 (KB)		Duchesne	UT
NOTICE OF INTER	ppropriete Box To Indicate	Nature of Notice, Report	OF OTHER DATE OUBLINGUIST ESPECT OF: BETAINING	•ett

(Nors: Report results of multiple completion on frompletion or Recompletion Report and Log form.) (Other) determine producing zone 17. DESCRIBE PROPOSED OR COMPLETED UPKRATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and somes pertinent to this work.)

PRACTURE TREATMENT

SECUTION OF ACIDISING

On May 10, 1987, the tubing head ruptured due to unusually high gas rate and pressure. The well continued to produce high volumes of uncharacteric gas until it died in December 1987. We plan to remove the damaged well equipment, clean out the well bore, assess the casing damage, and identify the producing intervals. We will then make repairs or recomplete as determined.

SIGNED KALMA, WWW.	Supervising Engineer	DATE 6-22-88
(This space for Federal or State office use)	TITLE	DATS
APPROVAL IF ANT:		

PENNZOIL EXPLORATION AND PRODUCTION COMPANY

P. O. BOX 290 • NEOLA, UTAH

AUG 22 1988

DIVISION OF OIL, GAS & MINING

> August 19, 1988 D.R. Lankford

State of Utah
Division of Oil, Gas, and Mining
3 Triad Center; Suite 350
Salt Lake City, Utah 84180-1203

RE: Boren 2-11A2 Proposed P&A

Gentlemen:

After much study and consideration, Pennzoil's Management and Engineering have determined that there is no safe way to re-enter the subject well.

Please consider the enclosed proposal and direct any inquiries to myself or George SanFilippo, Western Division Manager, (713)546-8435.

We would be pleased to meet with you in Salt Lake City at your convenience to work out the details.

Sincerely,

DR landford

Petroleum Engineer

Not approved.

Revised P& A

Was Submitted

3 approved 10-27-88.

STATE OF UTAH

SUE IN TRIPLICATE*
(Omer instructions on

DEPART	MENT OF NATURAL RES	CUBCEC	rse side)		
	ION OF OIL, GAS, AND M		5. LEASE DESIGNA	TION AND BERIAL NO.	
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2. NAME OF OPERATOR		AUG 2 2 1988	8. FARM OR LEASE	NAME	
Pennzoil Company		DIVISION OF	Bore	n	
3. ADDRESS OF OPERATOR	.O. Box 2967: Houston		9. WELL NO.		
4. LOCATION OF WELL (Papert leastles			2-11A		
See also space 17 below.) At surface	searth and in accordance with any	y State requirements.	10. FIELD AND POO		
1758 ft. FSL and 2	2060 ft FWL (NE1/4 :	SW1/4)	The second secon	Bluebell-Wasatch 11. BEC., T., B., M., OR BLE. AND	
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			Sec.11; T1S	; R2W	
14. PERMIT NO. 302 77	15. BLEVATIONS (Show whether D	F, RT, QR, eta.)	12. COUNTY OR PA	RISH 18. STATE	
43-013-3493	5786 (KB))	Duchesne	Utah	
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NOTICE OF INTER			FOINER DOIG		
		JUSA	DEQUENT REPORT OF:		
***************************************	PULL OR ALTER CASING	WATER SHUT-OFF		NO WELL	
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	HANGE PLANS	(Other)	ABANDON	MENT	
(Other)		(NOTE: Report resu	ilts of multiple completi mpletion Report and Los	on on Well	
17. DESCRIBE PROPOSED OR COMPLETED OPER proposed work. If well is direction	AATIONS (Clearly state all pertinen				
proposed work. If well is direction nent to this work.) *	sent attrice Bise affallise for	tions and measured and trile yer	tical depths for all mar	kers and zones perti-	
	The state of the s				
−See a	ttached proposal-				
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8. I hereby certify that the foregoing is					

TITLE Advanced Petroleum Engineer August 19, 1988 (This space for Federal or State office use) APPROVED BY COMBILL 'S OF APPROVAL, IF ANY: TITLE _ DATE _

BOREN 2-11A2 SECTION 2, T1S, R2W DUCHESNE COUNTY, UTAH P&A PROCEDURE_____

Have 1000 bbls fresh water on location. Have water compatibility checked with Class G or H cement. Leak off tests at Boren 3-11A2 indicated a formation strength of 25.8 lb EMW or a 3.09 lb/ft gradient @ 2011 ft. and a formation strength greater thean a 19.7 lb EMW or a 2.36 lb/ft gradient @ 4575 ft. Therefore, maximum pressure is limited by the 3,000 psi casing head. Maximum pressure will be 2500 psi.

- 1. Rig up Halliburton. Have separate pump trucks on 7" x 9-5/8" annulus and 7" casing. Manifold each together. Install valve on flange below the blind rams for pumping. Keep blind rams closed throughout procedure.
- 2. Blow down 7" \times 9-5/8" annulus to pit.
- 3. Start pumping down 7" casing and attempt to break circulation out 7" \times 9-5/8" annulus.
- 4. Once circulation is broken continue pumping until lowest differential pressure is obtained. Pump a series of mud flush and water to clean out the wellbore and annulus prior to pumping cement.
- 5. Once low differential pressure is obtained, mix dye and pump a fluid caliper.
- 6. Determine approximate depth of hole in 7" casing by fluid caliper calculations. Determine volume of cement needed to circulate cement to surface.

Note: If fluid caliper volume indicates hole in 7" casing is below 4000 ft, proceed as follows:

- 7. Based on the calculation, mix 130% excess volume of cement.
- 8. Circulate cement and shut-in well.
- 9. WOC. Remove well equipment. Install marker.

Note: If fluid caliper volume indicates hole in 7" casing is above 4000 ft., proceed as follows:

- 7A. Shut-in 7" x 9-5/8" annulus. Continue pumping down 7" with mud flush and water to obtain an acceptable rate and pressure.
- 8A. Continue pumping down 7" and begin pumping down 7" x 9-5/8" annulus with mud flush and water in an attempt to establish pump in rates at reasonable pressures.
- 9A. Pump cement down 7" with 7" x 9-5/8" annulus open to pit until cement circulates.
- 10A. Once cement is circulated around, pump cement down both the 7" and 7" \times 9-5/8" annulus with a ratio of 1 sack down 7" for every 2 sacks down the annulus until at least 1500 sacks of cement have been displaced.
- 11A. Shut well in and WOC.
- 12A. Remove well equipment. Install marker.

PERTINENT WELL DATA

9-5/8", 36#, K-55 casing @ 2,516 ft.
7", 26#, YS-95 casing @ 11,146 ft.
5", 18#, YS-95 liner @ 10,971-14,605 ft.
2-7/8", 6.5#, N-80 tubing in Baker Model "D" packer @ 10,903 ft.
1.9", 2.7#, N-80 tubing string in BHA @ 9,958 ft.

7" capacity 0.0383 BPF, 0.2148 CFPF. Eurst 7240 psi. Collapse 5240 psi.

7" capacity with 2-7/8" and 1.9" tubing strings inside approximately 0.0267 BPF, 0.1500 CFPF

9-5/8" x 7" annulus capacity 0.0297 BPF, 0.1668 CFPF. 9-5/8" casing burst 3520 pis. Collapse 2220 psi.

GPS/cmf 746GPS

SUF IT IN TRIPLICATE*

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	TMENT OF NATURAL RES SION OF OIL, GAS, AND M	OURCES		ION AND BERIAL NO.
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OIL GAS X OTHER		OCT 27 1988	7. UNIT AGREEMENT	NAME
2. NAME OF OPERATOR		DIVISION OF	8. FARM OR LEASE	
Pennzoil Explorat	ion and Production Cor	DIVISION OF	Boren	NAME
3. ADDRESS OF OPERATOR	Total Troduction Co.		9. WELL NO.	
Pennzoil Place; P	.O. Box 2967; Houston,	Texas 77252	2-11A2	
4. LOCATION OF WELL (Report location See also space 17 below.)			10. FIELD AND POOL	OR WILDCAT
At surface		•		
1758 ft. FSL and	2060 ft. FWL (NE/4 S	SW/4)	Bluebell-Wa	
			SUBVET OR AS	334
			Sec. 11; T1:	S: R2W
14. PERMIT NO.	15. BLEVATIONS (Show whether D	F. RT, GR. etc.)	12. COUNTY OR PARI	
43-013-30277	5786 (KB))	Duchesne	Utah
16. Check A	ppropriate Box To Indicate N		Other Data	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING	WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING	CASING
SHOOT OR ACIDIZE	ABANDON* X	SHOUTING OR ACIDIZING	ABANDONM	ENT*
REPAIR WELL	CHANGE PLANS	(Other)		
(Other)		' Completion or Recon	lts of multiple completion upletion Report and Log f	LIEM)
17. DESCRIBE PROPOSED OR COMPLETED UP: proposed work. If well is directi nent to this work.) *	ERATIONS (Clearly state all pertinen ionally drilled, give subsurface local	it details, and give pertinent dati tions and measured and true vert	es, including estimated di ical depths for all marke	ate of starting any ers and zones perti-
	- SEE ATTACHED RE	EVISED PROPOSAL <u>-</u>		
		(Rum)		
		(N	~	

18. I hereby certify that the foregoing is true and correct TITLE Supervising Engineer - BB/ALT DATE October 27, 1988 OF UTAH DIVISION OF OIL, GAS, AND MINING (This space for Federal or State office use) APPROVED BY COMMITTEE S OF APPROVAL, IF ANY: TITLE

BOREN 2-11A2 SECTION 2, T1S, R2W DUCHESNE COUNTY, UTAH P&A PROCEDURE

Have 2000 bbls fresh water on location. Have water compatibility checked with Class G or H cement. Leak off tests at Boren 3-11A2 indicated a formation strength of 25.8 lb EMW or a 3.09 lb/ft gradient @ 2011 ft. and a formation strength greater thean a 19.7 lb EMW or a 2.36 lb/ft gradient @ 4575 ft. Therefore, maximum pressure is limited by the 3,000 psi casing head. Maximum pressure will be 2500 psi.

- 1. Rig up Halliburton. Have separate pump trucks on 7" \times 9-5/8" annulus and 7" casing. Manifold each together. Install valve on flange below the blind rams for pumping. Keep blind rams closed throughout procedure.
- 2. Blow down 7" \times 9-5/8" annulus to pit.
- 3. Start pumping down 7" casing and attempt to break circulation out 7" x 9-5/8" annulus.
- 4. Once circulation is broken continue pumping until lowest differential pressure is obtained. Pump a series of mud flush and water to clean out the wellbore and annulus prior to pumping cement.
- 5. Once low differential pressure is obtained, mix dye and pump a fluid caliper.
- 6. Determine approximate depth of hole in 7" casing by fluid caliper calculations. Determine volume of cement needed to circulate cement to surface.

Note: If fluid caliper volume indicates hole in 7" casing is below 7500 ft, proceed as follows:

- 7. Based on the calculation, mix 130% excess volume of cement.
- Circulate cement and shut-in well.
- 9. WOC. Remove well equipment. Install marker.

Note: If fluid caliper volume indicates hole in 7" casing is above 7500 ft., proceed as follows in an attempt to cement to a depth of 7500 ft. minimum.

- 7A. Shut-in 7" \times 9-5/8" annulus. Continue pumping down 7" with mud flush and water to obtain an acceptable rate and pressure.
- 8A. Continue pumping down 7" and begin pumping down 7" x 9-5/8" annulus with mud flush and water in an attempt to establish pump in rates at reasonable pressures.
- 9A. Pump cement down 7" with 7" x 9-5/8" annulus open to pit until cement circulates.
- 10A. Once cement is circulated around, pump cement down both the 7" and 7" \times 9-5/8" annulus with a ratio of 1 sack down 7" for every 2.2 sacks down the annulus until at least 3800 cubic feet of cement has been displaced or 2500 psi standing surface pressure is obtained.
- 11A. Shut well in and WOC.
- 12A. Remove well equipment. Install marker.

PERTINENT WELL DATA

9-5/8", 36#, K-55 casing @ 2,516 ft.

7", 26#, YS-95 casing @ 11,146 ft.

5", 18#, YS-95 liner @ 10,971-14,605 ft.

2-7/8", 6.5#, N-80 tubing in Baker Model "D" packer @ 10,903 ft.

1.9", 2.7#, N-80 tubing string in BHA @ 9,958 ft.

7" capacity 0.0383 BPF, 0.2148 CFPF. Burst 7240 psi. Collapse 5240 psi.

7" capacity with 2-7/8" and 1.9" tubing strings inside approximately 0.0267 BPF, 0.1500 CFPF

9-5/8" x 7" annulus capacity 0.0297 BPF, 0.1668 CFPF. 9-5/8" casing burst 3520 pis. Collapse 2220 psi.

GPS/cmf 746GPS



DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Division Director

355 West North Temple 3 Triad Center, Suite 350 Dianne R. Nielson, Ph.D.
Division Director
801-538-5340

October 31, 1988

TO:

R. J. Firth, Associate Director, Oil and Gas

FROM:

J. R. Baza Petroleum Engineer

RE:

Rooney/Pennzoil Hearings

Although the recent hearings involving Rooney Operating Company and Pennzoil Exploration and Production Company are now concluded, there are some lingering questions concerning gas production and water disposal in the Greater Altamont-Bluebell area which need to be addressed. As a technical staff member for the oil and gas section of the Division, I feel it is important to document certain concerns with this memo to assist in future regulation of oil and gas production and water injection in the area.

The subject hearings were designated as Cause No. UIC-092 which represented a request by Rooney to convert the Victor Brown Fee No. 1 to a Class II injection well, and Cause No. 139-59 which involved the Boren 2-11A2 and 3-11A2 wells operated by Pennzoil. Adequate background information exists in each of these hearing files; therefore, details of the matters will not be reiterated in this memo.

Both hearings focused on the occurrence of a blowout in the Boren 2-11A2 well and the drilling of the replacement well, the Boren 3-11A2. The following points summarize the main concerns regarding the matters:

> The question remains of what caused the blowout in the 2-11A2 well in May 1987. Pennzoil has presented substantial information from the drilling of the replacement well which indicates that the gas produced from the blowout is correlatable to a gas prone interval tested in the Upper Green River formation (6500'-7200') of the replacement well. commercially producible gas in the volumes and pressures exhibited by the blowout well has not been encountered in either the replacement well or other wells in the area. pressurized gas zone may have always naturally existed in the blowout well or it may have been artificially charged by vertical fluid migration from surrounding injection wells through a complex fracture system which was exhibited in the Boren 3-11A2 well.

- 2. Substantial water (approx. 100 BWPD) was produced with the gas during the blowout. Pennzoil provided the Division with a water analysis comparison between produced water from the blowout and water being injected into the 1-11A2, a salt water disposal well completed in the same section. The date of the water analysis is October 21, 1988, which is during a time when the blowout well was supposedly shut-in. The two water analyses are not significantly different, suggesting the possibility that injected fluid in the nearby salt water disposal well is finding its way into the blowout well.
- 3. Pennzoil has spent considerable time and resources to obtain data from the drilling of the Boren 3-11A2 well. Although the data is sophisticated and impressive, it does not conclusively prove that commercial gas potential exists in the area of the wells. Just as differing geologic interpretations were presented during the Rooney hearing, different engineering interpretations of the drilling data are also possible. The core analysis, drill stem tests, and fracture analysis all indicate the presence of gas over a narrow range of depth; however, the specific drive conditions, the productive potential of the gas prone interval, and the possibility of an artificially charged gas zone cannot be determined from the available data.
- 3. Pennzoil has concluded and maintained that a potential commercially producible gas interval exists within a 21 section area surrounding the blowout well this appears to be what they are basing their actions upon in the referenced hearings. Whether such a gas prone area exists or not, the Division will only know when or if Pennzoil or another operator chooses to explore for and develop the gas. However, if underground injection was the cause of the blowout, then the danger still exists and the Division must soon determine if such is the case and take steps to alleviate the problem.

It is not known whether Pennzoil could suffer monetary or legal liability if it were determined that salt water disposal operations contributed to the blowout of the Boren 2-11A2 well. It may be an issue which Pennzoil is unwilling to resolve. However, it is important that the Division recognize the possibility of such an occurrence and take appropriate regulatory action to protect the public and other operators from future hazards. Such actions might include: an evaluation of other water disposal situations in the Upper Green River formation for pressurization of other permeable zones; careful consideration of new water injection applications to account for vertical fluid migration through a fracture system; appropriate drilling and casing of new wells to protect against such occurrences; and adequate plugging and abandonment procedures for older wells which may be at risk due to offset water injection.

Page 3 R. J. Firth October 31, 1988

It is still my opinion that the actions taken in the recent hearings were the most appropriate considering the circumstances surrounding the various wells. I only present these concerns for future policy making involving oil and gas production and water injection operations in the Greater Altamont-Bluebell area.

cc: G. L. Hunt Well files OI2/10-12

Division of 0il, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

1. Date of Phone Call: 12-7-88 Time: 2. DOGM Employee (name) Sunk Matheus (Initiated Call [1]) Talked to: Name Lazeld Thomgaer (Initiated Call [4]) - Phone No. () of (Company/Organization) 3. Topic of Conversation: Phaggary of Boren Z-11AZ which should Stut Mankay the 12th	[]	(Location) Sec ATwp 15 Rng 2W (API No.) 43-0/3-30277] Suspense (Return Date) (To - Initials)	
Name Larel Shomger (Initiated Call [4) - Phone No. () of (Company/Organization) 3. Topic of Conversation: Phuggary of Boren Z-11AZ which Should Start Monday the 12th	1.	Date of Phone Call: 12-7-88	Time:	
of (Company/Organization) 3. Topic of Conversation: Phygying of Boren Z-11AZ which Should Start Monday the 12th	2.	'l'alked to'		
3. Topic of Conversation: Phugging of Boren Z-11AZ which Should Start Monday the 12th		Name Larold Stronger (Initiated Call [4] -	Phone No. ()
		of (Company/Organization)		
4. Highlights of Conversation:	3.	Topic of Conversation: Phyggin	Monday the	Z-11AZ 12th
	4.	Highlights of Conversation:	• •	
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DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

December 14, 1988

TO:

File

FROM: Frank Mathews, Inspector

RE:

Plugging and Abandonment, Pennzoil Boren 2-11A2 Well, Sec. 11, T.1S,

R.2W, Duchesne County, Utah

I arrived on location at 8:40 am on December 12, 1988. Mr. Harold Stromgren and Don Langford with Pennzoil were also on location. Dowell/Schlumberger started pumping water down 7" casing at 8:30 am. The 7" X 9 5/8" annulus was gassing in heads with heavy black crude which disappeared after 25 to 50 bbls. had been produced. Dowell continued pumping and returns from the 7" X 9 5/8" annulus changed to water, emulsion, and what appeared to be some drilling mud liquid. Pennzoil limited themselves to 2500 psi maximum surface pump pressure. Most of the job was pumped at 2.9 to 3.1 BPM and 2380 - 2410 psig. At 12:22 pm, 632 bbls had been pumped and a leak developed at the wellhead. Pumping was stopped, the leak repaired, pumping continued at 12:34 pm. After the first 160 bbls of water, 10 batchs of 10 bbl detergent mixtures were pumped to aid in cleaning the hole and casing. At 3:35 pm, a greenish-yellow dye was added in a 20 bbl pill. The dye came out the flow line at 540 bbls. The dye really showed up well in the returns.

After making our calculations from the fluid caliper and from the caliper logs on the original 8 3/4" hole, it was determined that the hole in the casina was at approximately 5633'.

This is using an average of 12 3/8" (12.43) hole for the 8 3/4" hole from the original caliper knowing that we have no way of determining how much the hole was eroded when the well blew out.

The annulus was closed and an injection rate of 2 BPM at 1900 psi was established down the 7". The annulus was opened, the 7" closed and an injection rate of 2.79 BPM at 1200 psi was established down the 7" X 9 5/8" annulus. Pressure was bled off and cement was started down the 7" at 6:00 pm with good returns. We had returns except for about the last 10 minutes of the cement job. A total of 805 bbls of Class "G" cement with 0.2% D-13 and 0.5% D-65 (D-13 is a retarder for moderated temperature and D-65 a turbulent flow inducer for fresh water slurries). This figured out to be 3830 sacks of cement. The hole caliper only showed 2567 sacks so there was 1263 sacks squeezed into the formation. When the pump was shut down, we were pumping at 1/2 BPM at 2470 psi with no returns.

The job went real well and the well appears to be squeezed and well cemented. The tree will be nippled down and a marker will be installed.

Assume 20" conductor footage = ? 9 % X 7 annular Capacity 0,0297 8/4/, 0,1668 cut/ff. -958 set in 121/4" hole ~ 2516' 98" 36* K-55 cmt. 4/650 sts. circ cont =? TOC between 6025 + 5100' } Capacity a/21/8 + 19" take Shirter 0,0266 8/51, 0,1492 cufffy Kick @ 7100' 8.9 ppg to 9.5 ppg host zoobbl mud. 1/2" tobg. 217# N-80 C-9958' Boxon Mod D set @ 10930 5" Lwerhanger @10,971 12 7" 26# YS-95 Selm 83/4" hade cont w/700 sk-11,146' ent w/700sks Capacity .0382 BPF w/ 430 pts. 5 Lines 10,971 to 14605'

(0.0297 B/fl.)(2516ft) = 74.7 bb/s

7"×95/8" annulu

(0.0266 0/st) (2516) = 66.9 tobs

7" W/thy w place

141.6 bb/s

H= distance to hole in ?" 74(.1012 + .0266) = 540664 -141.6 $4 = \frac{398.4}{0.1278}$ x = 3117 25/6/+3/11' = 5633' ggprod.

Fumpel 805 bb/s emt

2056613 x 5.61 H/661. = 45/6041. 45-16 + 1.18 cuf/sk = 3877 sks.an = 3827 sks.and.

Fluid Caliper 5406hls

5406bls. XS.61 A 3/64 = 3029 Caft

30297118 = 2567 du cont

3827-2567= 1260 shalmt

Squeezed into form.

PENNZOIL EXPLORATION AND PRODUCTION COMPANY

P. O. BOX 290 * NEOLA, UTAH 84053 * (801) 353 - 4397

To: Frank Matthews

From: D.R. Lankford

1 page to follow

BOREN 2-11AZ Jile Sec11/2-715-RZW Nuchesne County, Ut.

Boren 2-11AZ Open Hole Coliper Survey of 3/5/74

<u></u>	opth .	length	Diam.	7.	Weighted
.2516 -	3840	1324'	13"	. 397	5.16
384o -	4970	4.30	/2 \$. 339	4. 24
.4970	5850	. පිපිට	1/1	. 244	3.03
••			7 4 44 7	2.31.00	

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DRD 12/13/38...

Boren Harry 2W Seel James (10

STATE OF UTAH /ISION OF OIL, GAS AND MINING OIL AND GAS INSPECTION RECORD

OPERATOR Kenns	oil	LEASE	
WELL NO. Borers	2-11-12	API 4/3-	0/3-30277
SEC. // T. /3 R.	2W CONTRACTOR		0,0001.1
COUNTY Duchesn	FIELD A	hebell - Wasa	101
DRILLING/COMPLETION/WORK	(CVED.	mere. Waxa	con
APD SAFETY OPERATIONS	WELL SIGN POLL. CONTROL OTHER	HOUSEKEEPING SURFACE USE	BOPE PITS
SHUT-IN / TA WELL SIGN OTHER	HOUSEKEEPING	EQUIPMENT*	SAFETY
ABANDONED: MARKER	HOUSEKEEPING	REHAB.	OTHER
PRODUCTION: WELL SIGN METERING* SECURITY	HOUSEKEEPING POLL. CONTROL SAFETY	EQUIPMENT* PITS OTHER	FACILITIES*
GAS DISPOSITION: VENTED/FLARED	SOLD	KEASE USE	
LEGEND: Y — YES OR SA N — NO OR UNS NA — NOT APPL	ATISFACTORY		
*FACILITIES INSPECTED: X	oc. + marke	v.	
REMARKS: Cerrel on	loc. alter 1	D + aut-all	Was male
tree & value ful of cement pannel	dave munt 7	full of eimen	t. Migel 3sh
+ welled on m ACTION:	racher, got le	malet 4:00PM	(Pict to fellown)
Rehab LOC of	ter lquip is	removed	
INSPECTOR:		JM DA	TE 12-14-88

BOREN 2-11A2 SECTION 2, T1S, R2W DUCHESNE COUNTY, UTAH P&A PROCEDURE

Have 2000 bbls fresh water on location. Have water compatibility checked with Class G or H cement. Leak off tests at Boren 3-11A2 indicated a formation strength of 25.8 lb EMW or a 3.09 lb/ft gradient @ 2011 ft. and a formation strength greater thean a 19.7 lb EMW or a 2.36 lb/ft gradient @ 4575 ft. Therefore, maximum pressure is limited by the 3,000 psi casing head. Maximum pressure will be 2500 psi.

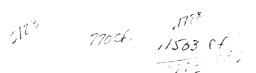
- 1. Rig up Halliburton. Have separate pump trucks on 7" x 9-5/8" annulus and 7" casing. Manifold each together. Install valve on flange below the blind rams for pumping. Keep blind rams closed throughout procedure.
- 2. Blow down 7" \times 9-5/8" annulus to pit.
- 3. Start pumping down 7" casing and attempt to break circulation out 7" \times 9-5/8" annulus.
- 4. Once circulation is broken continue pumping until lowest differential pressure is obtained. Pump a series of mud flush and water to clean out the wellbore and annulus prior to pumping cement.
- 5. Once low differential pressure is obtained, mix dye and pump a fluid caliper.
- 6. Determine approximate depth of hole in 7" casing by fluid caliper calculations. Determine volume of cement needed to circulate cement to surface.

Note: If fluid caliper volume indicates hole in 7" casing is below 7500 ft, proceed as follows:

- 7. Based on the calculation, mix 130% excess volume of cement.
- 8. Circulate cement and shut-in well.
- 9. WOC. Remove well equipment. Install marker.

Note: If fluid caliper volume indicates hole in 7" casing is above 7500 ft., proceed as follows in an attempt to cement to a depth of 7500 ft. minimum.

- 7A. Shut-in 7" \times 9-5/8" annulus. Continue pumping down 7" with mud flush and water to obtain an acceptable rate and pressure.
- 8A. Continue pumping down 7" and begin pumping down 7" \times 9-5/8" annulus with mud flush and water in an attempt to establish pump in rates at reasonable pressures.
- 9A. Pump cement down 7" with 7" \times 9-5/8" annulus open to pit until cement circulates.
- 10A. Once cement is circulated around, pump cement down both the 7" and 7" \times 9-5/8" annulus with a ratio of 1 sack down 7" for every 2.2 sacks down the annulus until at least 3800 cubic feet of cement has been displaced or 2500 psi standing surface pressure is obtained.
- 11A. Shut well in and WOC.
- 12A. Remove well equipment. Install marker.



PERTINENT WELL DATA

9-5/8", 36#, K-55 casing @ 2,516 ft.

7", 26#, YS-95 casing @ 11,146 ft.

5", 18#, YS-95 liner @ 10,971-14,605 ft.

2-7/8", 6.5#, N-80 tubing in Baker Model "D" packer @ 10,903 ft.

1.9", 2.7#, N-80 tubing string in BHA @ 9,958 ft.

7" capacity 0.0383 BPF, 0.2148 CFPF. Burst 7240 psi. Collapse 5240 psi.

7" capacity with 2-7/8" and 1.9" tubing strings inside approximately 0.0267 BPF, 0.1500 CFPF

9-5/8" x 7" annulus capacity 0.0297 BPF, 0.1668 CFPF. 9-5/8" casing burst 3520 pis. Collapse 2220 psi.

GPS/cmf 746GPS

,036 6 11/E

1020 July 2013,

FRIPLICATE:

	DEPARTMENT OF NATURAL RE	TEVERN S	de)	
	DIVISION OF OIL, GAS, AND		5. LEASE DESIGNATION	AND BERIAL NO.
			API 43 013	30277 00
SUNDR	Y NOTICES AND REPORTS for proposals to drill or to deepen or plus "APPLICATION FOR PERMIT—" for suc	ON WELLS ug back to a different recervoir.	6. IF INDIAN, ALLOTTE	B OR TRIBE NAME
OIL X WALL X	OTHER		7. UNIT AGREEMBNT NA	MS
	ploration and Production (Company	Boren	18
	Lace; P.O. Box 2967; Houst		0. WELL NO. 2-11A2	
At surface			Bluebell-Was	atch
1758 '	FSL and 2060' FWL (NE1/	4 SW174 h E B 2 2 1989	All. SBC., T., B., M., OB I	LE. AND
		DIVISION OF	Sec. 11, T1S	
14. PERMIT NO.		P DF. MT. OR GILLI GAS & MINING	12. COUNTY OR PARISM	18. STATE
43-013-302	77 5786 (I	KB)	Duchesne	Utah
16.	Check Appropriate Box To Indicate	Nature of Notice, Report, or C	other Data	
X0210	CB OF INTENTION TO:	ausasqu	BHT EMPORT OF:	
TRST WATER SEUT-OFF	PULL OR ALTER CASING MULTIPLE COMPLETE	WATER SHUT-OFF PRACTURE TREATMENT	REPAIRING W	
SHOOT OR ACIDIZE	ABANDON®	SHOUTING OR ACIDISING	ABANDONMEN	17° X
(Other)	CHARGE PLANA	(Other)	of multiple completion of the	m.)
17. DESCRIBE PROPOSED OR CON Proposed work. If wel nent to this work.) *	THETED OPERATIONS (Clearly state all pertle is directionally drilled, give subsurface is - SEE ATTACHED REPOR	ocations and measured and true vertica	including estimated date i depths for all markers	e of starting any and zones perti-
	Cal allioned Ruly	•••		

18. I hereby curtify that the foregoing the and correct	TITLE Supervising Engineer	DATE 2/3/89
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

BOREN 2-11A2: PLUG AND ABANDONMENT

Dec. 12, 1988

RU Dowell-Schlumberger. Manifold together wellhead, 3 pump trucks, 6 frac-masters, and pit line with 2" full opening choke in line. Establish circ. down 7" casing and up 9 5/8" surface casing with 15 bbls. fresh water gone. Stabilize at 2 BPM and 1500 psi. Returned very gassy oil with 52 bbls. gone. Increase to 3 BPM at 2000 psi circ pressure with 70 bbls. gone. Returns changed to 90% water with 120 bbls. gone. Mixed and pumped 500 gal slugs of mud flush solution every 50 bbls. until 600 bbls. gone. Pumped 20 bbl slug of dye water with 811 bbls. gone. Detected dye 540 bbl after dye was injected. SD.

Established injection rate down 7" casing of 2 BPM @ 1900 psi. Established injection rate down 9 5/8" csg of 2.7 BPM @ 1700 psi.

Calc. communication point (assumed clean hole) at 5795'. Calc. cement volume per procedure, including 30% excess, at 4070 sx.

Mix and pump 3835 sx. class 'G' cem.with .2% D-13R(retardant) and .5% D-65TIC(turb. induce.) (15.8 ppg, 1.18 yld, 8 hr pmpg time). Pumped 806 bbl slurry down 7" casing with good returns until 784 bbls gone then lost returns. Pumped aver. 2.7 BPM @ 2000 psi to final pressure 2500 psi and 0 rate with 806 bbl slurry gone. Drained lines. Pumped i bbl fresh water to clear BOP. SI well. RD Dowell-Schlumberger.

Dec. 13, 1988

WO cement

Dec. 14, 1988

ND BOP. Remove choke manifold, pit lines, and piping. Cut off 9 5/8" X 7" casing head. Found cement at surface in 7" casing. Found no cement to surface in 9 5/8" casing. Mixed and poured 3 sx. cem. to fill 9 5/8" casing to surface. Welded 2-1/2" steel plates over 9 5/8" casing. Installed P&A marker inscribed:

"PENNZOIL COMPANY" BOREN 2-11A2

Dowell-Schlumberger finish equip. and excess material from location.

Division of 0il, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

Rou [22]	Value
1.	Date of Phone Call: Jan 24, 1989 Time: 3:30 PM
2.	DOGM Employee (name) Allow S. (pw JCB) (Initiated Call L1) Talked to: Name Now Kangford (Initiated Call []) - Phone No. (1) 35-3-42 of (Company/Organization)
3.	Topic of Conversation: Request for subsequent report of PrA
4.	Highlights of Conversation: Mr. Langford will send us the subsequent report of Pr A.